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LETHERMAN'S 1934 Garden Guide

Proven Merit Seeds,

for Market
and
Home
Gardeners

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of Agriculture.

VEGETABLE
SEED TRIALS
HORTICULTURE



LETHERMAN'S "PARAMOUNT" TOMATO
Unequaled for 2nd Early or Main Crop

(See Tomato pages for description)

LETHERMAN SEED & SUPPLY CO., CANTON, O.

Letherman's High Quality Lawn Grass Seed

To make a beautiful permanent lawn, you must have a rich well drained soil, it must be carefully prepared, made as fine, smooth and mellow as possible and **Good Pure Seed**. Our Lawn Grass blends are all composed of the highest quality seeds obtainable, selected with the utmost care, refined to the highest purity, and of the highest germination. Our formulas have been developed after exhaustive trials and experiments to produce that beautiful permanent velvety texture so much desired. They have been used in making many fine lawns. Better Lawn Grass mixtures cannot be made.

1 pound to 2 or 300 square feet or 100 to 150 pounds to the acre



McKinley Monument, Canton, Ohio.

Letherman's McKinley Park Lawn Grass Seed

This is without question the best mixture of grasses to produce quickly a permanent and beautiful lawn. It is a blend of fine-leaved grasses which have been selected to give the lawn a beautiful deep green appearance during the whole of the growing season; some are at their best in the early spring while others come to their best growing seasons at later periods, thus giving the lawn that is seeded with McKinley Park Lawn Seed that much desired deep velvety green texture. A lawn made with our MCKINLEY PARK LAWN GRASS will be a source of permanent pleasure and pride. **Lb. 35c, 5 lbs. \$1.60; 10 lbs. \$3.00; 25 lbs. and over at 25c per lb.**



Letherman's Velveturf Grass Seed is a combination of grasses blended in such proportions as to give the result of a deep green velvety turf; only the purest and heaviest seed is used in this blend.

It contains in large proportions the more expensive grasses, such as the Bent Grasses, Fescues, etc. Velveturf will satisfy the most critical and discriminating. **Lb. 75c, 2 lbs. \$1.40, 5 lbs. \$3.25, 10 lbs. and over, 60c per lb.**

LEATHERMAN'S "VELVET GREEN" LAWN SEED is a perfectly blended mixture of fine-bladed hardy grasses prepared from our own formula that will produce a perfect turf in four to six weeks, maintaining its rich green color throughout the summer and fall. **Lb. 25c, 5 lbs. \$1.20, 10 lbs. \$2.20, 25 lbs. and over 20c per lb.**

WHITE DUTCH CLOVER. **Lb. 60c, 5 lbs. \$2.75 postpaid.**

LEATHERMAN'S "SHADY DELL" LAWN SEED is a mixture of grasses combined to produce a perfect sward in the most densely shaded places. **Lb. 40c; 5 lbs., \$1.85; 10 lbs., \$3.50; 25 lbs. and over at 30c.**

LEATHERMAN'S TERRACE SOD LAWN SEED. Ordinary Lawn Grass will not hold the soil on terraces and embankments. Our Terrace Mixture is a combination of grasses that will make a quick growth and has deep spreading roots, thus preventing heavy rains from washing them out. **Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 25 lbs. and over at 25c per lb.**

CREEPING BENT GRASS. Used extensively for putting greens and fine lawns, its stoloniferous roots forming a close compact turf of the finest texture and deep green color. It stands much hard usage and does well on any soil. Lime should never be used where it is sown. **Lb., \$1.25, 5 lbs., \$5.75.** Write for prices on larger quantities.

KENTUCKY BLUE GRASS. Best hardy grass for lawns; forms good permanent turf. **Lb., 30c.**

FANCY RED TOP. Used on golf courses and lawns. Succeeds in all soils. **Lb., 25c.**

ROUGH STALKED MEADOW GRASS. An excellent grass for shady places. **Lb., 40c.**

CHEWINGS FESCUE. A creeping rooted grass valuable for shade and terraces. **Lb., 35c.**

RYE GRASS. Rapid growing grass, useful as a nurse for other grasses. **Domestic. Lb., 20c. Imported, Lb., 35c.**

All Grass Seeds on this page will be delivered free by Mail, Express or Freight, our option.

We are always glad to quote special prices to users of large quantities of either mixtures or separate grasses.

1934 Order for

Proven Merit Seeds,

**The Letherman Seed House
814-820 Tuscarawas St. East
CANTON, OHIO**

Name..... Date.....

Date.

Ladies will please put the prefix Miss or Mrs.

Street Address }
R. D. }

P. O. Box No......

Post Office.

R.F.D. No.

County

State

Express Office {If Different}
from P.O.

AMOUNT ENCLOSED

Money Order.....\$

Draft or Check \$

Cash \$

Stamps \$

Total..... \$

Please forward Goods by.

State whether by **Mail**, **Express**, (and company) **Freight** (and Route)

Are You a Market Gardener?..... Are You a Florist?.....

NOTICE

We Deliver Free—All vegetable and flower seeds in quantities up to ten pounds at prices quoted in this catalog to any point in the United States.

Amount Carried Forward,

The Letherman Seed House, gives no warranty, express or implied as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants it sends out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

If your address has been changed since the last time you ordered write your old address here

Special Notice:

We shall esteem it a great favor if you will give us below, the NAMES AND ADDRESSES of any of your friends that are interested in gardening. We wish to send them our CATALOGUE.

Extra Order Sheets and Return Envelopes Furnished on Request

FOR ECONOMY SOW LETHERMAN'S

Proven Merit Seeds,

They are not "cheap" seeds, but you will be practicing true economy by sowing them, because they are GOOD seeds, priced as low as good seeds can be produced and sold. Good seeds like all other commodities are always cheapest in the end.

There are conditions surrounding the growing of any crop that are beyond human control, but there is one thing you can control, and that is the quality of the seed you sow.

When you sow good seed you have made the right start for a good garden. Why risk time, effort and money with "cheap" seeds when you can buy Letherman's Proven Merit Seeds, that are good and dependable at such reasonable prices.

In presenting this our 1934 Garden Guide we have endeavored to make it helpful with the valuable information contained. For those in doubt as to what varieties of vegetables to select for their especial needs, we have marked the most desirable ones—which we consider the best in their class—with this symbol ☐, and suggest selections be made from them.

We offer you the best seeds that can be produced and an entirely satisfactory service in filling your orders.

Sincerely

THE LETHERMAN SEED & SUPPLY CO.

Geo. M. Letherman, Pres.

HOW TO ORDER LETHERMAN'S "PROVEN MERIT" SEEDS

Use our Order Blank and Envelope when possible. Sign your name and full address on every letter or order sent us. Write plainly and keep a copy of your order. Do not write any correspondence on the order, use other paper. Extra Order Blanks and Envelopes will be furnished on request.

REMITTANCES may be made by Postal or Express Money Order, Bank Draft or Personal Check. Currency should only be sent by registered mail. We will accept U. S. Postage Stamps as Cash.

SEEDS DELIVERED FREE. We Prepay Transportation (Parcel Post or Express our option) on all Vegetable and Flower Seeds in quantities up to ten pounds at prices quoted in this catalogue to any point in the **United States** when **Cash** accompanies order.

BULK ORDERS. We prepay Freight or Express Charges (our option) to your nearest railroad station, to any point in the **United States** on orders amounting to **Ten Dollars** or more, when **Cash** accompanies order, on Vegetable and Flower Seeds provided not more than 50 % of the value is for **Peas, Beans or Corn**.

PURCHASER PAYS TRANSPORTATION on **Potatoes, Onion Sets, Tools, Insecticides Fertilizer and Farm Seeds**, also on **Peas, Beans** and **Corn** when ordered alone in over ten pound lots.

C. O. D. ORDERS. If goods are to be shipped by Express or Parcel Post C. O. D. or by Freight Sight Draft attached Bill of Lading, 25 % of the amount must be sent with the order. All C. O. D. charges must be paid by customer. No perishable goods shipped C. O. D.

SAFE DELIVERY. We guarantee safe delivery except to points where there is no Express or Freight agent, to such points customer must assume the risk of loss or damage.

SPECIAL QUOTATIONS. Send us a list of your requirements, we will gladly submit our best offer by return mail; this does not obligate you in any way.

The Letherman Seed & Supply Co. gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants, or roots it sends out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Asparagus

One ounce to 50 feet of row. 4 to 5 pounds to the acre.

100 roots for a bed of 500 square feet. 4 to 5,000 to the acre.

CULTURE—From seed—Sow in early spring in rows about 18 inches apart and 1 to 2 inches deep. A well drained loam is best. Thin plants to stand about 3 inches apart. Transplant to permanent bed following spring. Soaking the seed for 24 hours will hasten germination.

From roots. Location should be well drained and soil worked to a depth of about 18 inches, well pulverized using plenty of good manure. Set the roots about 18 inches apart and the rows from 3 to 4 feet. See that the roots are spread evenly and cover about 2 inches. As the plants grow fill in the trenches, so by the end of the season they will be entirely filled. A light cutting should be made the following spring.

MARY WASHINGTON. Rust resistant. Earlier, larger, more prolific and will net more money per acre than any other variety. Very tender, deep green color, large heavy shoots, distinct flavor of peculiar sweetness.

Seed—Pkt. 5c, oz. 10c, ¼ lb. 30c, 1lb. \$1.00 postpaid.

Roots—Doz. 35c, 50-80c, 100-\$1.50 postpaid.

Write for prices on larger quantities.

Beans, Dwarf Wax-Podded

We pay postage on all Beans up to 10 lbs.; larger quantities customer pays transportation.
25 lbs. and over sold at 100 lb. rate.

One pound to 100 feet of row. Sixty pounds to the acre.

CULTURE—Plant after the weather has become settled in the spring, in rows two feet apart, about two inches deep and from 4 to 6 inches apart in the rows, firming the soil to assist germination. A warm, well enriched loamy soil is most suitable, and plantings may be made every two weeks until August. Give frequent shallow cultivation, but never when the vines are wet.



Letherman's Supreme Wax Beans.

■ **LETHERMAN'S SUPREME WAX.** (50 days.) For earliness, productiveness and quality this bean has no superior. The rich golden yellow pods borne in great quantities on vigorous plants are flat, slightly oval, thick, meaty and absolutely stringless. **Pkt. 10c, 1/2 lb. 25c, 1 lb. 40c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

■ **SURE-CROP WAX.** (52 days.) (Also called Bountiful Wax.) A very prolific variety of splendid quality. The semi-flat pods are from 6 to 7 inches long and $\frac{1}{2}$ inch wide. Rich yellow color which develops at a very early stage of growth. Excellent flavor. Plants and pods are disease-resistant. **Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

■ **PENCIL POD BLACK WAX.** (52 days.) Plant large, stocky, vigorous, early and profuse bearer. Pods round, slightly curved, very brittle, finest quality and entirely stringless. Golden yellow color. Most widely used wax bean for home and market garden. **Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

ROUND POD KIDNEY WAX. (52 days.) (Brittle Wax.) Plant large, erect, and productive. Pods medium yellow, round slightly curved, fleshy, brittle and entirely stringless. Excellent quality. **Pkt. 5c, 1/2 lb. 25c, 1 lb. 40c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.**

IMPROVED RUST-PROOF GOLDEN WAX. (52 days.) Plant compact, upright, disease-resistant, productive. Pods broad, flat, golden yellow, brittle, stringless, good quality. Desirable for home garden. **Pkt. 5c. 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

UNRIVALLED WAX. (52 days.) Plant dwarf, erect, very productive. Pods deep yellow, narrow, flat, brittle, very attractive. **Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

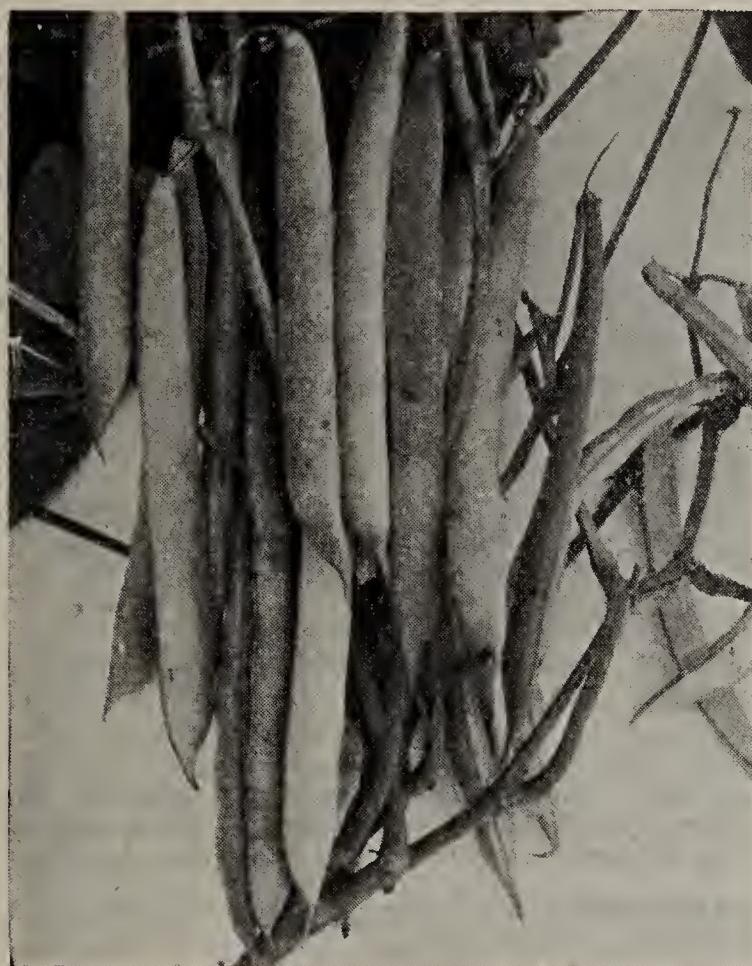
WARDWELL'S KIDNEY WAX. (53 days.) Plant medium, erect. Pods flat, deep yellow, brittle, stringless, of fine texture. Very attractive. **Pkt. 5c, 1/2 lb. 20c, 1 lb. 35c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**



Sure-Crop Wax Beans.

Beans, Dwarf Green-Podded

We pay postage on all Beans up to 10 lbs.; larger quantities customer pays transportation.
25 lbs. and over sold at 100 lb. rate.



Bountiful Beans.

ASGROW (Stringless Black Valentine). (49 days.) Plant hardy, upright and very prolific. Pods 6 to 6½ inches long, oval round, nearly straight, meaty, fine quality and flavor, entirely stringless. Good for home and market garden use and a splendid shipper. **Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

BOUNTIFUL. (49 days.) Plants medium large and prolific. Pods light green, 6 to 7 inches long, flat, tender, and entirely stringless. Desirable early variety for home and market. **Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

TENDERGREEN. (50 days.) A new early stringless variety of highest quality. Splendid for home and market garden use, also canning. Plants are large, erect and prolific. Pods are long, nearly straight, round, fleshy, stringless and free of fiber. **Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

BURPEE'S STRINGLESS. (52 days.) Hardy early sort. Plant large, erect, very productive. Pods long, round, meaty, brittle, tender, stringless and fibreless. Excellent for home, market and canning. **Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

GIANT STRINGLESS. (54 days.) Very productive. Plant large and sturdy. Pods long, round, meaty, stringless and brittle, of excellent quality. **Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

FULL MEASURE. (54 days.) Plants erect and prolific. Pods round, straight, fleshy, stringless and tender. A good home and market sort. **Pkt. 5c, ½ lb. 25c, 1 lb. 40c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

RED VALENTINE. (52 days.) Plant hardy, erect, and very productive. Pods round, fleshy and brittle. **Pkt. 5c, ½ lb. 20c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid. Not prepaid, 15 lbs. \$1.95, 100 lbs. \$12.00.**

DWARF HORTICULTURAL. (54 days.) Excellent for both snap and green-shell purposes. Plant medium height, prolific. Pods long, semi-round, very thick, fleshy and stringless. Seeds large and round. **Pkt. 5c, ½ lb. 20c, 1 lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

Shell Beans

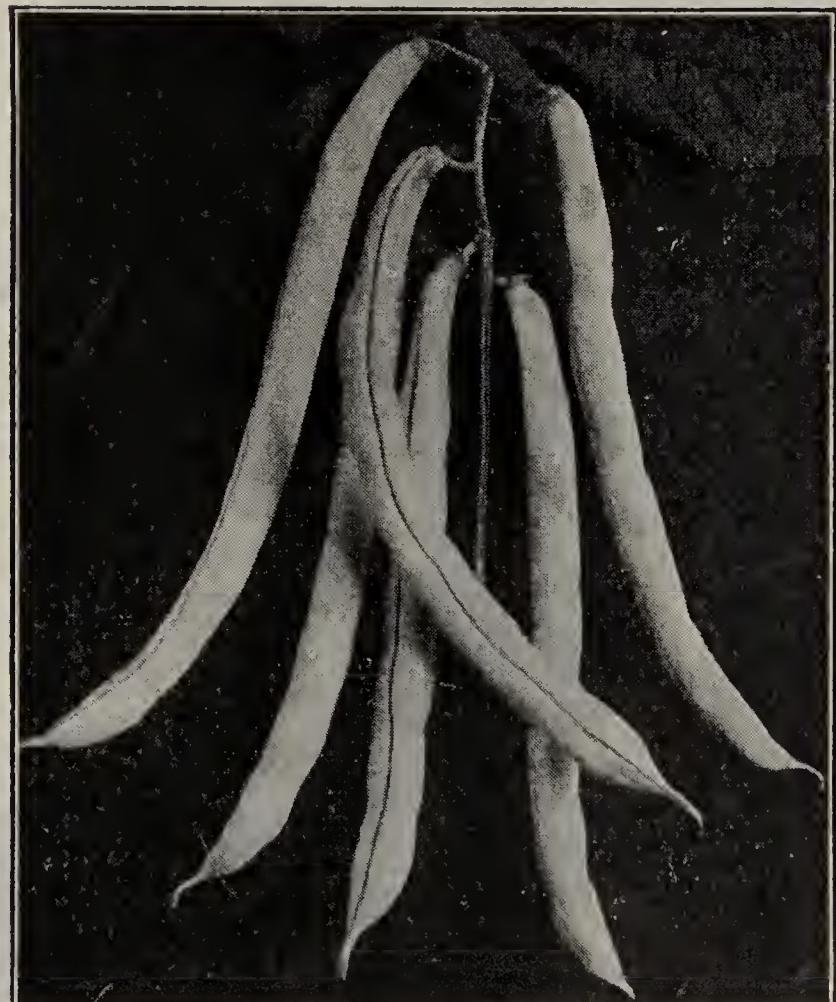
ROBUST PEA BEAN (Improved White Navy). **Pkt. 5c, ½ lb. 15c, 2 lbs. 45c, 5 lbs. 60c, 10 lbs. \$1.10 postpaid.**

LARGE WHITE MARROWFAT. **Pkt. 5c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid.**

WHITE KIDNEY. **Pkt. 5c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid.**

RED KIDNEY. **Pkt. 5c, ½ lb. 18c, 1 lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid.**

Write for prices on SHELL BEANS
in larger quantities.



Asgrow Beans.

Pole or Running Beans

One pound to 75 hills. 30 pounds to the acre.

CULTURE—Plant as you would Pole Limas about 6 to 8 beans to the pole cover $1\frac{1}{2}$ to 2 inches deep, thin out to 4 best plants. A sandy loam well enriched with manure suits them best.



Kentucky Wonder Beans.

■ **KENTUCKY WONDER or OLD HOME-STEAD.** (65 days.) Fancy Handpicked Stock. A very popular early productive variety. Pods 8 to 9 inches long, are thick, meaty, tender, brittle, fiberless of good quality; stringless when young. Bears over long season if pods are picked as they mature. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

BURGER'S STRINGLESS (White Seeded Kentucky Wonder). (64 days.) For home gardens and truckers. Pods sound silvery-green, tender fleshy, fiberless and stringless. 4 to 5 inches long. Dried beans fine for winter use. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

LONDON HORTICULTURAL or CRAN-BERRY. (Wren's Egg.) (70 days.) Widely used as a snap and green shell bean. Pods thick—flat slightly curved, stringless very fleshy and good quality. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

■ **LAZY WIFE.** (72 days.) Very productive, of fine texture and excellent quality. Pods thick, fleshy and stringless. Used as a snap, green shell and dried winter bean. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

OLD FASHIONED STRIPED SICKLE. (70 days.) Pods 9 inches long meaty, curved, stringless. An old favorite. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

Wax Podded Pole Beans

■ **KENTUCKY WONDER WAX.** (68 days.) Plants very productive. Pods waxy yellow about 8 inches long, fleshy, tender, brittle of good quality. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

GOLDEN CLUSTER WAX. (74 days.) Plants vigorous and productive, bearing clusters of long, flat, fleshy, stringless waxy-yellow pods 6 to 8 inches long. **Pkt. 5c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

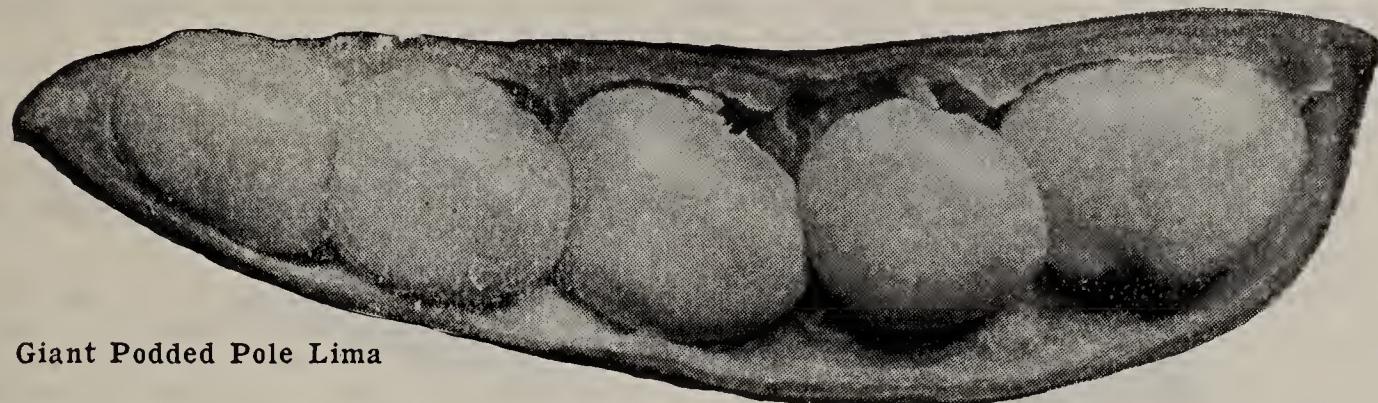


Lazy Wife Pole Bean.

Pole Lima Beans

One pound to 50 hills. 25 to 30 pounds to the acre.

CULTURE—As Pole Limas are very tender do not plant until all danger of frost is past and soil is warm. Set 8 foot poles 4 feet apart each way, plant 4 to 6 beans to the hill eyes downward. When plants are up thin out to 3 plants to the hill.



Giant Podded Pole Lima

■ **EARLY LEVIATHAN.** (79 days.) The earliest of the large podded Pole Limas and very productive. Pods large, straight containing 5 to 6 large flat beans of splendid quality. **Pkt. 10c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. 95c, 10 lbs. \$1.80 postpaid. Not prepaid, 15 lbs. \$2.55, 100 lbs. \$16.00.**

“**HOLCO**” **GREEN PROLIFIC.** (88 days.) Pods average 6 to 7 inches are broad and flat filled with large thick beans of fine flavor. **Pkt. 10c, ½ lb. 25c, 1b. 40c, 2 lbs. 70c, 5 lbs. \$1.00, 10 lbs. \$1.90 postpaid. Not prepaid, 15 lbs. \$2.70, 100 lbs. \$17.00.**

GIANT PODDED. (90 days.) The largest podded of all Limas. Pods 7½ to 8 inches long by 1½ inches broad, borne in clusters of 4 to 8. Beans extra large and of excellent quality. **Prices same as Leviathan.**

KING OF THE GARDEN. (88 days.) Very productive. Pods 5 to 6 inches long with 4 to 5 large beans of fine quality. **Pkt. 10c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. 95c, 10 lbs. \$1.80 postpaid. Not prepaid, 15 lbs. \$2.55, 100 lbs. \$16.00.**

FLORIDA BUTTER. (78 days.) Very prolific. Beans size of a small Lima. Very popular in the South. **Pkt. 10c, ½ lb. 20c, 1b. 35c, 2 lbs. 65c, 5 lbs. 95c, 10 lbs. \$1.80 postpaid. Not prepaid, 15 lbs. \$2.55, 100 lbs. \$16.00.**

■ **WHITE DUTCH RUNNER OR BUTTER BEANS.** (65 days.) This old time bean should have a place in every garden. They are early, very prolific and have a distinct delicious flavor. Pods borne in clusters and contain 4 to 5 large thick beans the size of a medium Lima. **Prices same as Florida Butter.**

Bush Lima Beans

One pound will plant about 150 feet of row. 50 to 60 pounds to the acre.

CULTURE—Plant in rows 3 feet apart, plant the seed edgewise with the eyes down about 5 to 6 inches apart, cover with an inch of fine soil. Keep soil well cultivated. Plant when soil is warm. Thrive best in warm sandy loam.

■ **FORDHOOK BUSH.** (70 days.) Of strong erect growth, 20 to 30 inches high. Pods borne in clusters of 4 or 5 are 4 to 5 inches long and contain 3 to 5 large thick beans of sweet chestnut-like flavor. Extra early and a heavy yielder. **Pkt. 10c, ½ lb. 30c, 1b. 50c, 2 lbs. 90c, 5 lbs. \$1.60, 10 lbs. \$3.00 postpaid. Not prepaid, 15 lbs. \$3.90, 100 lbs. \$25.00.**

■ **BURPEE'S IMPROVED BUSH.** (75 days.) Plants are large, vigorous and very productive. Pods 5 to 6 inches long and broad containing from 4 to 5 very large flat beans of excellent quality, borne in clusters. **Pkt. 10c, ½ lb. 25c, 1b. 45c, 2 lbs. 80c, 5 lbs. \$1.50, 10 lbs. \$2.80 postpaid. Not prepaid, 15 lbs. \$3.60, 100 lbs. \$22.00.**

BURPEE'S BUSH. (77 days.) Plants medium large and productive. Pods 4 to 5 inches long containing 3 to 4 large flat beans of good flavor. **Pkt. 10c, ½ lb. 25c, 1b. 40c, 2 lbs. 75c, 5 lbs. \$1.40, 10 lbs. \$2.60 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

HENDERSON'S BUSH. (Baby Lima.) (65 days.) Plant small, erect and very prolific. Earliest of the bush varieties. Pods flat containing 3 to 4 small flat beans of delicious flavor. Popular canning variety. **Pkt. 10c, ½ lb. 20c, 1b. 35c, 2 lbs. 60c, 5 lbs. \$1.00, 10 lbs. \$1.80. Not prepaid, 15 lbs. \$2.55, 100 lbs. \$16.00.**

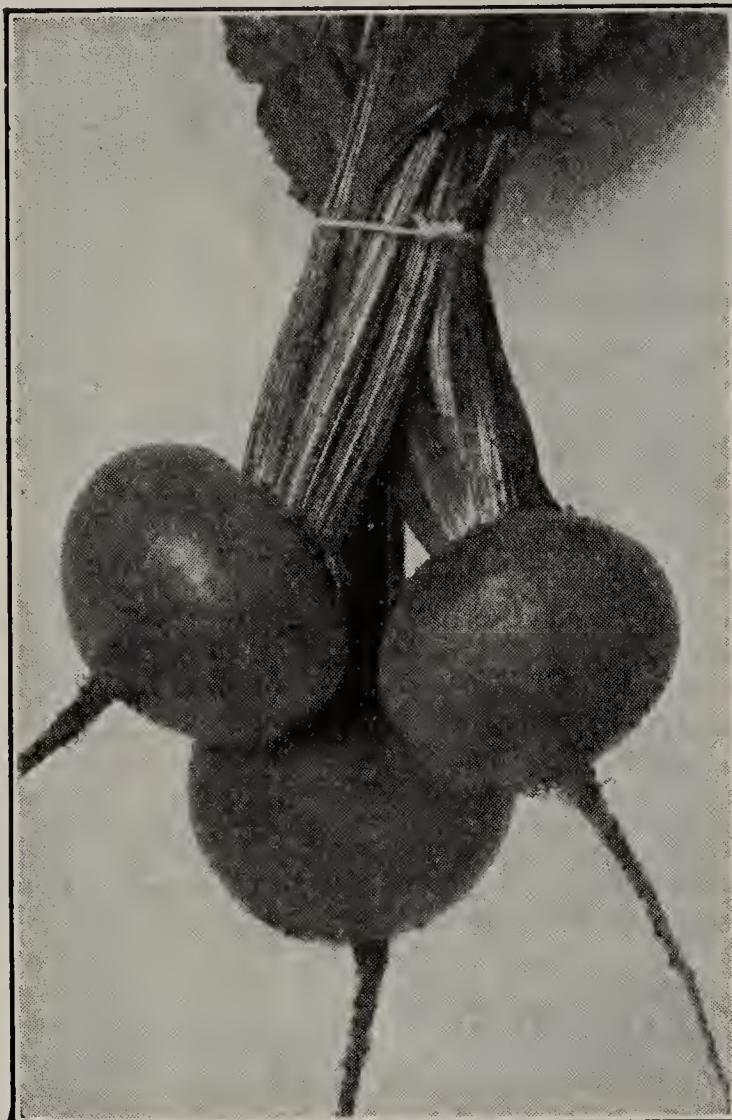


Fordhook Bush Lima,

Beets

One ounce to 50 feet of row. 5 to 6 pounds to the acre.

CULTURE—Sow as early in the spring as the soil can be worked; successive planting may be made up to July. Beets thrive best in a light, loose deeply worked soil that has been enriched for a previous crop. Sow seed thinly in rows about 12 inches apart, cover the seed from $\frac{1}{2}$ to 1 inch. When plants are 3 to 4 inches high thin out to stand 3 to 4 inches apart in the row.



"Holco" Fireball Beet.

■ **"HOLCO" FIREBALL.** Very early. Medium size roots are uniform perfect globe shape with small leaves and small tap root. Flesh is deep dark red, tender, sweet flavor and free from fiber. Desirable for home gardens and truckers. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.

■ **"HOLCO" GREEN TOP BLOOD.** The leaves are bright green, often used for "greens"; the root is top-shaped, deep blood red, of fine texture without fiber or stringiness—sweet and tender at all stages of growth, retaining these superb qualities over a long period when stored, making it an ideal variety for winter storage. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.

EXTRA EARLY EGYPTIAN. For forcing and first early crops outdoors. Roots rounded on top, flat on bottom. Flesh dark red slightly lighter zones, good quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.

CROSBY'S EGYPTIAN (Special Stock). Popular home garden and market beet. Our special stock is earlier, darker, more even in maturity, smaller top and tap root. Very smooth, sweet, tender, excellent quality. Good for forcing. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.

DETROIT DARK RED. Most widely used variety. Roots are globe shaped, smooth with small tap root, flesh deep blood red with very indistinct zones, tender and sweet. Very uniform in shape, color and maturity. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.

■ **EARLY WONDER.** An excellent early beet for home or market. Roots deep blood red, globe shaped, small top and tap root tender, sweet, and fine grained. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.

OHIO CANNER. Developed at the Ohio Agri. Expt. Sta. to meet the demand for a beet particularly suitable for canning. The result is that this beet fills that need, and its uniform size, color and quality make it very desirable for home and market garden use. Tops and tap roots are small; smooth semi-globe shape with rich deep solid red flesh. Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.

Swiss Chard

One ounce to 100 feet of row.

4 to 5 pounds to the acre.

CULTURE—Sow early in spring as soon as ground can be worked in rows 18 inches apart, thin out to stand 6 inches apart in the row.

GIANT LUCULLUS. A very popular variety growing about 2 feet high with thick creamy white stalks of splendid quality when served like asparagus. The leaves are very much crumpled and desirable for "greens" in summer when spinach cannot be grown. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.

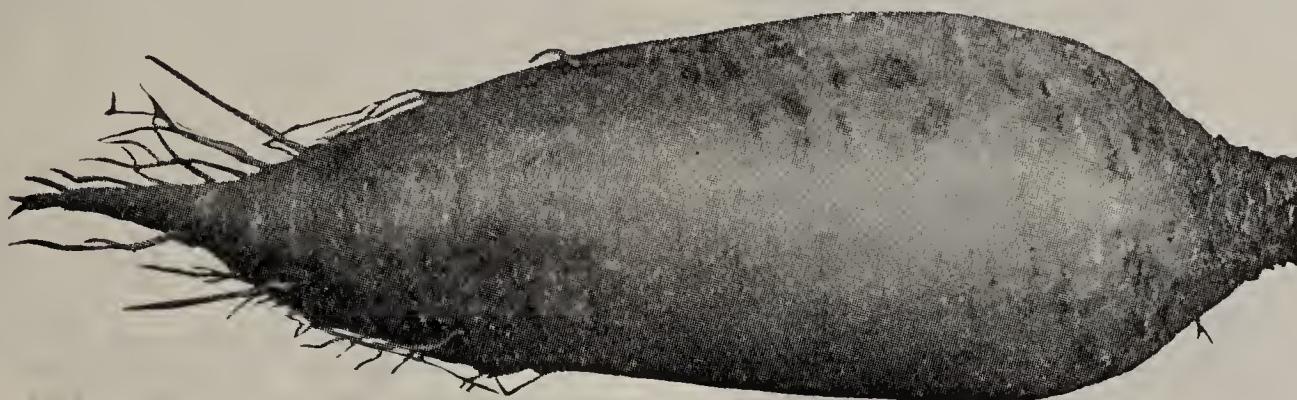


Ohio Canner Beet.

Mangel Wurzel and Sugar Beet

One ounce to 100 feet of row. **5 lbs. to the acre in drills.** **15 to 20 lbs. broadcast.**

CULTURE—Same as for Beet except the rows should be $2\frac{1}{2}$ to 3 feet apart.



Mammoth Prize Long Red Mangel.

MAMMOTH PRIZE-LONG RED. Heaviest cropping and largest of all Mangels. Skin red, flesh white with rose pink veined rings. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 60c.**

GOLDEN TANKARD. Smooth yellow fleshed variety. Heavy, firm, solid. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 60c.**

DANISH SLUDSTRUP. A good cropper of high feeding value. Reddish yellow, white flesh tinged yellow. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 60c.**

GIANT HALF SUGAR. Flesh pure white, firm with high sugar content. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 60c.**

Broccoli

ITALIAN GREEN SPROUTING. A distinct variety. It branches freely, each branch forming a head in bud cluster. The central head is cut first and as the side shoots develop they are cut with about 6 inches of stem. It has a distinct flavor and is served much the same way as Asparagus or Cauliflower. Can be sown in spring, summer or fall, cultivated like cabbage. If the central head and sprouts are cut as they develop it will yield abundantly over a long period. Our strain is a very fine early one, the first cutting may be made in 90 days. **Pkt. 10c, $\frac{1}{2}$ oz. 18c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, 1b. \$3.50.**



Long Island Improved Brussels Sprouts.

Brussels Sprouts

One ounce will produce 2,500 plants.

$\frac{1}{4}$ pound to the acre.

CULTURE—A member of the cabbage family producing small cabbage like heads clustered around a stem. Grown as both an early fall and winter crop. Seed may be sown in a hotbed or cold frame for an early crop, or outdoors early in May. Make rows 3 feet apart and have plants stand $1\frac{1}{2}$ feet apart in the row. Cultivate same as Cabbage.

LONG ISLAND IMPROVED. Excellent half dwarf variety growing about 20 inches high, the stem is completely covered with large solid dark green sprouts of excellent quality. **Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1b. \$2.50.**

Mrs. David Schlabach, Kokomo, Ind. writes April 12, 1933. Your "Holco" Green Top Blood Beet is the best I ever had.



Early Green Sprouting Broccoli.

Cabbage

One ounce will produce 2,000 to 2,500 plants. 4 ounces will produce enough for an acre.

CULTURE—Cabbage does best in rich well manured soil. Sow seeds of the early varieties in February indoors, in boxes or hotbed, transplant into boxes or flats 3 inches apart each way, and harden off by gradually exposing to outside conditions. Transplant outside as soon as ground can be worked in rows 2 feet apart and 1½ feet in the rows. Cultivate often. Sow second early varieties in April and transplant in May; late varieties in May or June transplant in July.



Golden Acre.

Early Varieties

■ **GOLDEN ACRE.** An extra early selection of Copenhagen Market type; the earliest round headed variety, maturing as early as Jersey Wakefield and 10 days earlier than Copenhagen. Plant dwarf and compact with few outer leaves; heads round, hard, firm, solid and very uniform. Our stock grown for us by one of the best growers in Denmark. **Pkt. 5c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.15, lb. \$4.00.**

■ **COPENHAGEN MARKET.** An extra early round headed variety, making solid, tightly folded uniform heads of excellent quality, a good yielder and shipper, desirable also for early kraut. Heads average from 6 to 8 pounds. **Pkt. 5c, ½ oz. 20c, oz. 30c, ¼ lb. 85c, lb. \$3.00.**

MARION MARKET. (Yellow-resistant Copenhagen.) Recommended for disease infected soil. If you are not troubled with disease use our superior strain of Copenhagen. **Pkt. 15c, ½ oz. 30c, oz. 50c, ¼ lb. \$1.60, lb. \$6.00.**

EARLY JERSEY WAKEFIELD. Medium size pointed head about 7 inches long; dwarf, compact, uniform and very early. **Pkt. 5c, ½ oz. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.**

CHARLESTON WAKEFIELD. Heart-shaped heads half again as large as Jersey Wakefield and about a week later. **Pkt. 5c, ½ oz. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.**

Second Early Varieties

WISCONSIN ALLSEASONS (Yellows Resistant). Heads large, solid and excellent quality. Chiefly used for kraut, also a good winter keeper. **Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.05, lb. \$3.75.**

GLORY OF ENKHUIZEN. Heads very large, globular and firm, short stem. Desirable for kraut and largely used by truckers and shippers. **Pkt. 5c, ½ oz. 10c, oz. 20c, ¼ lb. 65c, lb. \$2.25.**

WINNINGSTADT. Produces pointed heads about same size as Jersey Wakefield. Valuable for home and market garden. **Pkt. 5c, ½ oz. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.**

ALL HEAD EARLY. Heads flat, slightly rounded at top. A good medium early variety for shipping and kraut. **Pkt. 5c, ½ oz. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.**

SUCCESSION. Heads large and flat but thick through with short stem. A dependable cropper of good quality. **Pkt. 5c, ½ oz. 10c, oz. 20c, ¼ lb. 60c, lb. \$2.00.**

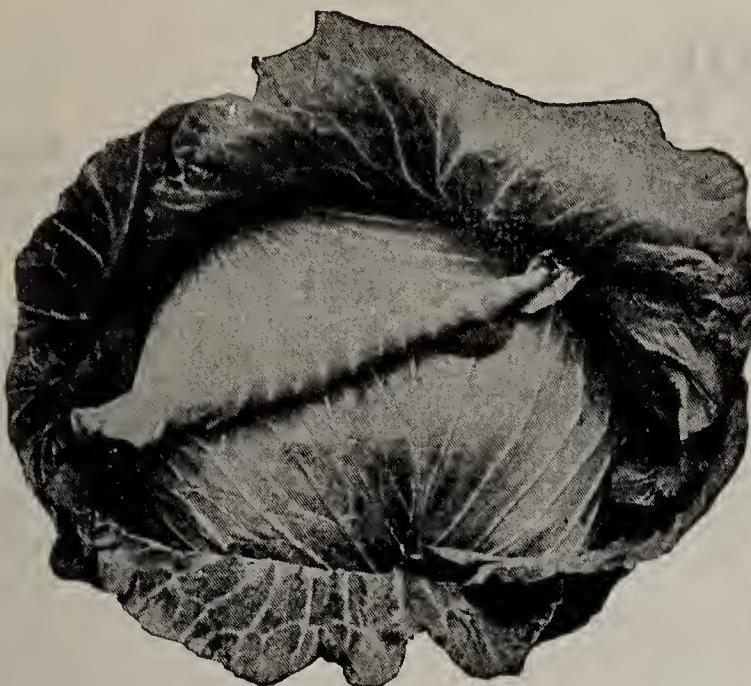
Late Varieties

■ **WISCONSIN HOLLANDER No. 8 (Yellows Resistant).** A heavy yielding late type selected from Danish Ballhead or Hollander. Heads solid, round, slightly flattened. Very desirable for shipping, storing and kraut. **Pkt. 10c, ½ oz. 25c, oz. 45c, ¼ lb. \$1.25, lb. \$4.50.**

■ **HOLCO HOUSER.** Heads are round and deep, slightly oval at the top, very solid heads weighing 10 to 12 pounds when mature. Its small heart and fine ribs are exceptional. A strong vigorous grower with great drought resisting qualities. As it takes longer to mature it should be set out a few weeks earlier than other late varieties. **Pkt. 10c, ½ oz. 20c, oz. 35c, ¼ lb. \$1.15, lb. \$4.00.**



Copenhagen Market.



Penn State Ballhead.

PENN STATE BALLHEAD (Certified Seed in Sealed Packages). A desirable late variety developed by Prof. Myers at Penn. Agri. Expt. Sta., producing uniform solid heads of excellent keeping quality. A profitable characteristic is the large percentage of mature heads of uniform size and shape the plants produce which are also resistant to Blackleg. **Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.35, lb. \$5.00.**

DANISH BALLHEAD (Tall Stem). Because of its great solidity and excellent keeping qualities it is a most popular winter variety. Heads are round, of uniform size, shape, color, and high yield. Our seed is grown for us in Denmark. **Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 80c, lb. \$2.75.**

DANISH ROUNDHEAD (Short Stem). This variety has all the excellent qualities of the tall stem, but has less outer leaves. Our stock of this is also grown in Denmark. **Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 80c, lb. \$2.75.**

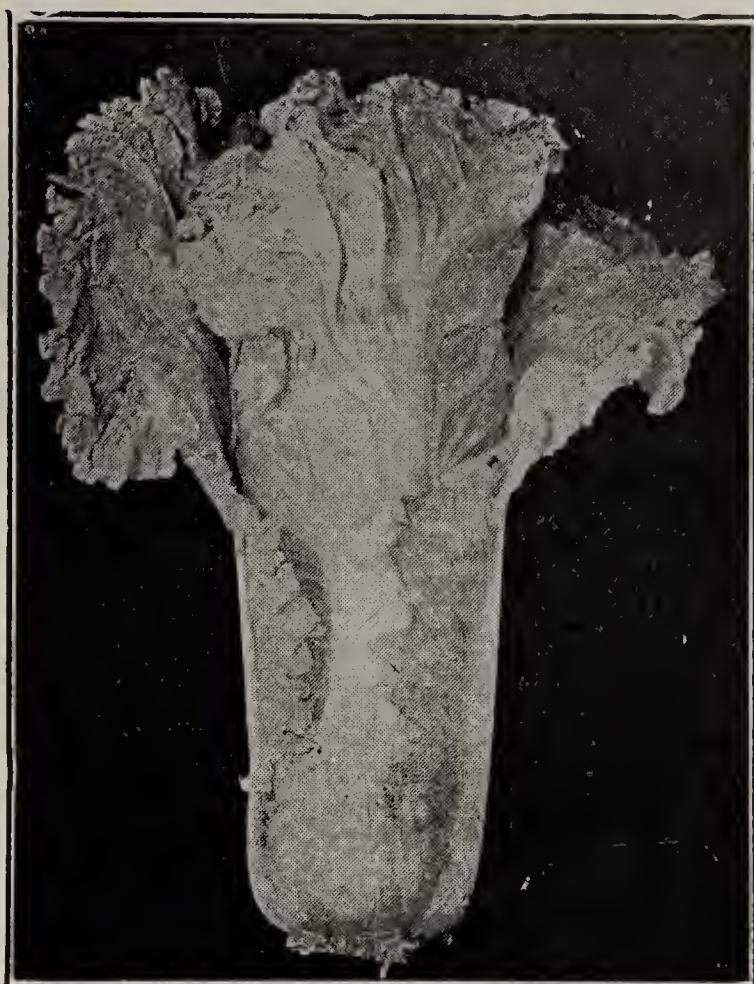
PREMIUM LATE FLAT DUTCH. A popular old favorite. Makes large flat solid heads of fine keeping quality. **Pkt. 5c, 1/2 oz. 10c, oz. 20c, 1/4 lb. 60c, lb. \$2.00.**

AMERICAN DRUMHEAD SAVOY. Heads very compact, flattened globe shape. Plants are strong and vigorous, deep green and heavily curled and crumpled, interior leaves attractive light yellow. Flavor distinctive. **Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.**



American Drumhead Savoy.

RED DANISH STONEHEAD. Identical with Danish Ballhead except in color. Heads are solid and rich red. **Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.**



Chihli Chinese Cabbage.

Chinese Cabbage

Resembles Cos or Celery Lettuce. Heads are firm, crisp, tender and mild delicate flavor. Easy to grow. Should be grown as a late crop sowing the seed in August. Culture same as for Cabbage. Plants are tender and will not stand frost.

CHIHLI. A distinct early variety of great merit. Heads are long, cylindrical, very solid and of superior quality. **Pkt. 5c, 1/2 oz. 20c, oz. 30c, 1/4 lb. 85c, lb. \$3.00.**

PE-TSAI. A well known variety not quite as early as Chihli. **Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.**

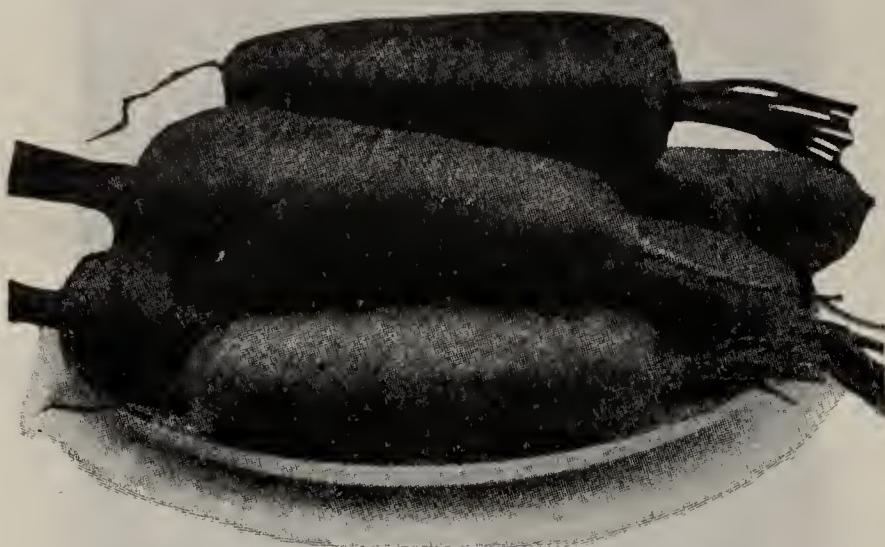
WONG BOK. Stalks are shorter and much heavier than Pe Tsai. Heads are tightly folded and well blanched. **Pkt. 5c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.**

Mr. John Simon, Jr. of Versailles, Ohio writes Jan. 16th, 1933. This is my second order as you filled my first order so promptly. Your seeds are of a high quality. I enjoy ordering from you as you take interest in my success with my garden.

Carrot

One ounce will sow 100 feet of row. 3 to 4 pounds to the acre.

CULTURE—Will do well in almost any soil, although a deep mellow soil is always preferable. Work deeply and give constant cultivation to insure smooth straight roots. Cover the seed about $\frac{1}{2}$ inch firming the soil over them. Sow as early as the soil can be worked. For a late crop sow from May to July 1st, in drills 15 inches apart and thin out to 3 or 4 inches in the row.



■ **LETHERMAN'S MARKET PRIDE.** Combines all the desirable points of a good Carrot. Tops finely cut and attractive with sufficient strength for easy bunching. Roots are smooth, uniform in shape and size averaging about 6 inches, perfect stump root ending in a small rat-tail. Deep rich orange color. Core is small, tender and sweet, nearly the same color as the flesh, which makes it practically coreless. Valuable variety for home and market garden use. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, 1b. \$1.75.**

■ **IMPERATOR.** 7 to 8 inches long slightly tapering with just enough top to bunch well. Deep solid orange without the light colored center or core, brittle tender, sweet delicate flavor. Very desirable for home gardens, truckers and shipping. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

DANVERS HALF LONG. True type is 7 to $7\frac{1}{2}$ inches long, flesh bright orange scarlet; crisp, tender and very productive. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, 1b. \$1.50.**

■ **CHANTENAY (Special Stock).** Half long, thick and stump-rooted, $5\frac{1}{2}$ inches long. 2 to $2\frac{1}{2}$ inches thick at crown. Flesh is deep orange, fine grained and excellent flavor. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 55c, 1b. \$1.75.**

■ **NANTES.** Half long stump-rooted, 6 to 7 inches long; 1 to $1\frac{1}{2}$ inches thick. Flesh rich orange extending to center of root, practically coreless; fine grained, tender and excellent quality. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

CORELESS. Roots 5 to 7 inches long, $1\frac{1}{2}$ inches thick, stump-rooted. Pure orange scarlet, coreless, sweet fine grained, tender, of elegant quality. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

OXHEART or GUERANDE. Desirable for home gardens. Roots heart-shaped, thick with blunt end. Flesh deep orange. Easily harvested. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 40c, 1b. \$1.50.**

LONG ORANGE IMPROVED. For garden use and stock feeding. Heavy cropper. Roots very long. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.00.**

SCARLET HORN. Popular early market variety. 3 to $3\frac{1}{2}$ inches long. Bright orange color. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

WHITE BELGIAN. For stock feeding. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1b. 75c.**

Cauliflower

One ounce will produce about 1,500 to 2,000 plants.

CULTURE—Cauliflower grows well in cool weather but it is however generally grown like cabbage. During dry weather especially while heading it should be given plenty of water. As soon as heads begin to form tie the outer leaves over them loosely to protect from the sun.

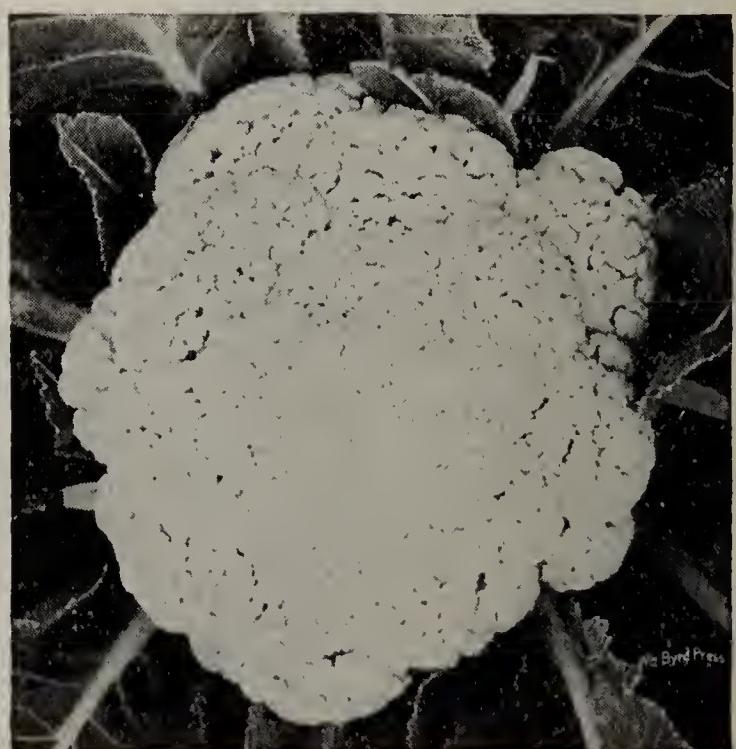
■ **"HOLCO" EARLIEST.** The earliest and most uniform heading Cauliflower grown. Heads are unusually large, solid and heavy. It is disease resistant to a great degree due to its vigorous healthy growth. It heads so evenly the crop may be harvested a week to 10 days before all other varieties. Of superlative quality. **Pkt. 25c, $\frac{1}{4}$ oz. 75c, oz. \$2.25, $\frac{1}{4}$ lb. \$7.50, 1b. \$28.00.**

DRY WEATHER. This variety produces solid pure white heads only a week or ten days later than Snowball with heads much larger. Especially suited to dry sections due to its drought resisting qualities. **Pkt. 15c, $\frac{1}{4}$ oz. 60c, oz. \$1.95, $\frac{1}{4}$ lb. \$6.50, 1b. \$25.00.**

EARLY SNOWBALL. A popular early dwarf variety of compact growth. Heads firm solid, pure white and splendid quality. A dependable header. **Pkt. 15c, $\frac{1}{4}$ oz. 60c, oz. \$1.95, $\frac{1}{4}$ lb. \$6.50, 1b. \$24.00.**

EARLY DWARF ERFURT. A reliable well-known variety. Produces solid pure white heads of excellent quality. A few days later than Snowball. **Pkt. 15c, $\frac{1}{4}$ oz. 60c, oz. \$1.95, $\frac{1}{4}$ lb. \$6.50, 1b. \$25.00.**

VEITCH'S AUTUMN GIANT. Recommended where a large late sort is desired. Heads are large, white, compact. Largely used for late canning or shipping. **Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.60, 1b. \$6.00.**

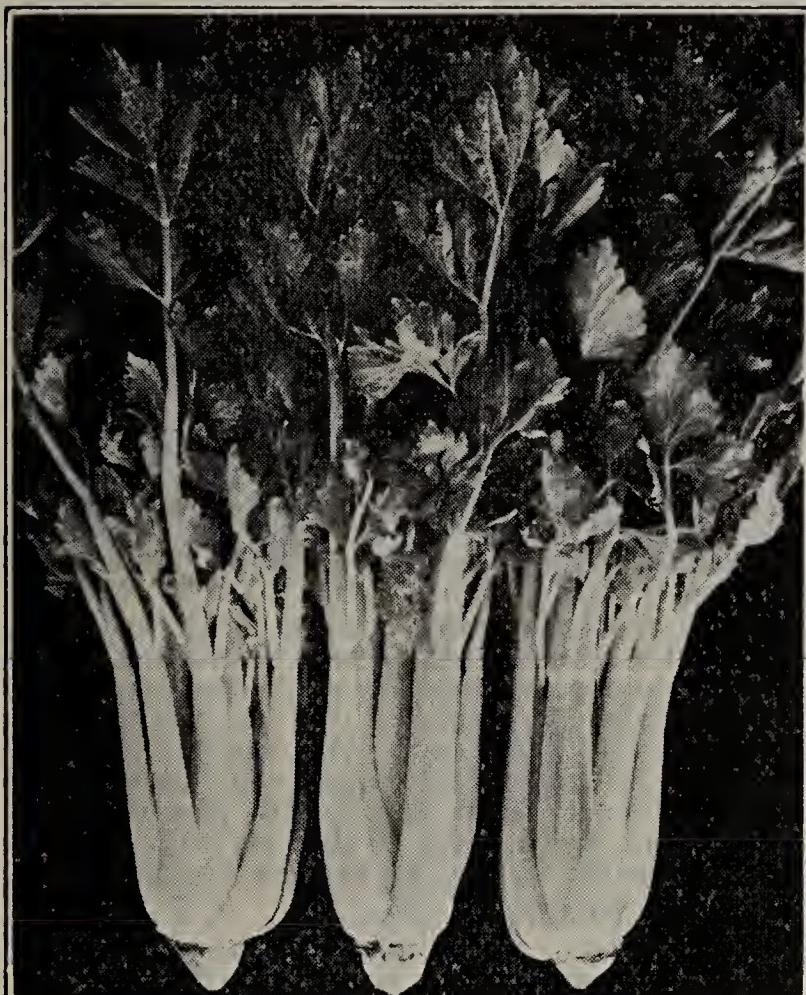


"Holco" Earliest Cauliflower.

Celery

One ounce will produce about 4 to 5 thousand plants. $\frac{1}{4}$ pound for an acre.

CULTURE—One of the most popular vegetables for the table during fall and winter. For best results the soil should be rich and well prepared with a constant supply of moisture maintained. Celery seed is slow to germinate and ample time must be allowed. Sow the seed in beds or boxes during February or March, transplant to other beds or boxes in finely prepared rich soil when plants are 3 to 4 inches high 3 inches apart each way. In June or July transplant in rows to stand about 6 inches apart. The space between the rows to be determined by the method of blanching, if done with boards or paper two to four feet, if with earth the space should be greater. Do not cover celery for blanching if weather is warm.



Golden Phenomenal Celery.

■ **GOLDEN PHENOMENAL.** As early as Golden Self-Blanching, its broad thick stems have longer edible parts, are brittle and free from strings. Hearts are full and solid. Of delightfully nutty flavor. **Pkt. 10c, $\frac{1}{2}$ oz. 45c, oz. 85c, $\frac{1}{4}$ lb. \$2.25, lb. \$8.00.**

■ **GOLDEN PLUME or WONDERFUL.** Very desirable for home and market gardens. It is early, of vigorous growth, resists blight and rust and a splendid keeper. Rich golden yellow, self-blanching, crisp and brittle without stringiness. Flavor is fine. **Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.**

■ **GOLDEN SELF BLANCHING (Dwarf or Old Strain).** Stalks dwarf of compact growth, thick crisp and blanch easily, of sweet nutty flavor, hearts large and solid. French originator's seed only. **Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.**

■ **GOLDEN SELF BLANCHING (Tall or New Strain).** Retains all the good qualities of the old strain and in addition has longer, firmer, stronger, more regular stalks, is earlier, makes a more vigorous faster growth and resists blight. Originator's seed only. **Pkt. 10c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.90, lb. \$7.00.**

WHITE PLUME. Early and easily blanched. Stalks medium, solid, crisp and good quality. **Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.**

EASY BLANCHING. A second early variety excellent for home garden and truckers. Stalks are thick, solid and good flavor and blanch to attractive white. Good keeper. **Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.15, lb. \$4.00.**

COLUMBIA. Very desirable second early variety. Plant is of medium height, very stocky and heavy. The thick almost round stalks are of excellent quality. The foliage a distinct light green tinged yellow makes it very attractive. Good keeper and shipper, fine for home gardens and truckers. **Pkt. 5c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.**

■ **"HOLCO" EMPEROR.** A dwarf growing variety averaging about 16 inches in height, with rich dark green foliage, the outer stalks blanch to a beautiful white with a pure yellow heart. Unusually thick stalks free from stringiness, of unusual crispness and nutty flavor. Easy to blanch and a good winter keeper. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.35, lb. \$5.00.**

GIANT PASCAL. A fine late variety with broad thick heavy stalks, of superb nutty flavor, blanches yellowish white. A good winter keeper retaining its crispness and flavor in storage. **Pkt. 5c, $\frac{1}{2}$ oz. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.**

FLAVORING CELERY SEED. For flavoring soups, salads, chow-chow, etc. **Lb. 50c postpaid.**

Celeriac

(TURNIP ROOTED CELERY.)

Sow seed same as for Celery. Transplant to moist rich soil in rows two feet apart and 6 inches apart in the row. Cultivate thoroughly to secure good roots.

GIANT SMOOTH PRAGUE. Produces large roots nearly globe shape. Excellent for flavoring. **Pkt. 5c, $\frac{1}{2}$ oz. 15c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.50.**

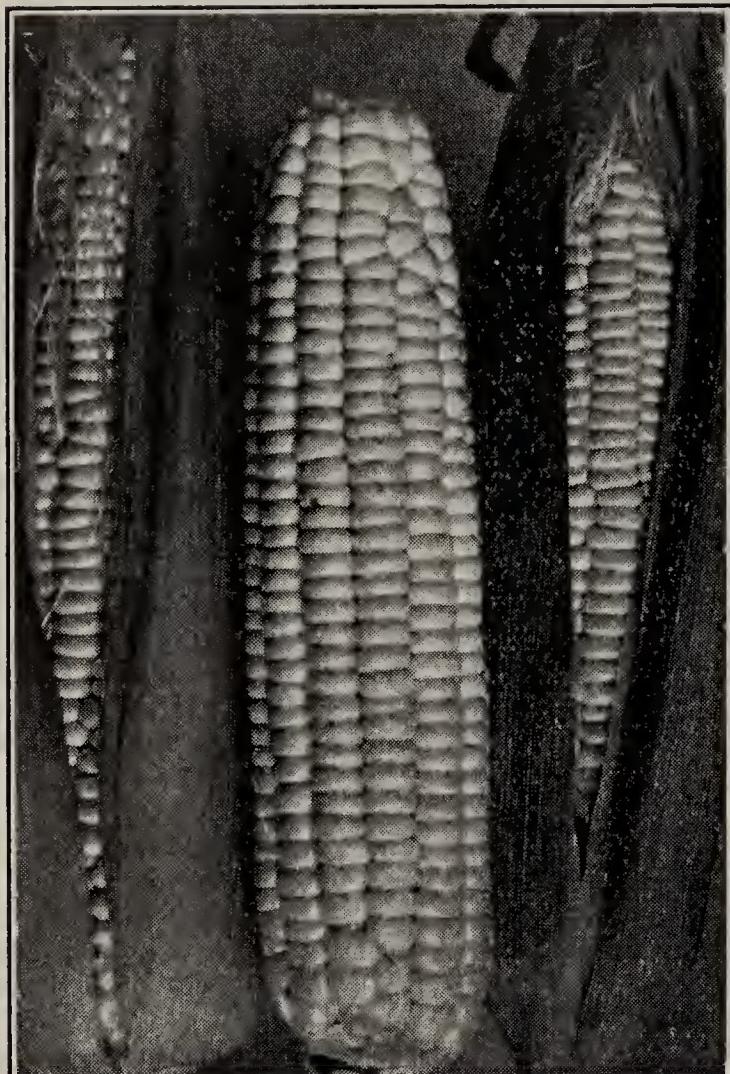


Golden Self-Blanching (New Strain).

Sweet Corn

One pound will plant about 200 hills or 300 feet of row. 12 pounds to the acre.

CULTURE—Plant when soil has become warm and dry, or when danger of frost is past. Plant in hills 3 or 4 feet apart each way dropping 5 or 6 grains to the hill, when plants are 4 or 5 inches tall thin to 3 plants to the hill. It may also be planted in rows 3 to 4 feet apart, thinning out to stand about 1 foot apart. Cover seed about 1 inch and give frequent shallow cultivation until tassels appear. For a continuous supply make plantings every 2 weeks until the end of July.



Golden Sunshine.

Yellow Varieties

- **GOLDEN SUNSHINE.** (72 days). Earlier than Golden Bantam. Ears are longer with 10 to 12 rows of medium broad golden yellow kernels, sweet, tender and of delicious flavor. A most desirable sort for home and market gardens. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**
- **GOLDEN BANTAM.** (80 days). Best known of the yellow varieties. Ears about 6 inches long with 8 rows of tender, broad, deep golden yellow kernels of the finest flavor. Our stock is unsurpassed. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

BARDENS WONDER BANTAM. (82 days). Has all the good qualities of Golden Bantam but with ears 8 to 10 inches long filled with 8 rows of rich golden kernels. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

WHIPPLE'S EARLY YELLOW. (84 days). A very desirable large eared second early variety. Ears 8 inches or more long with 12 to 14 rows of fairly deep sweet golden yellow kernels of good flavor well filled at tips. Stalks sturdy and erect. Strong husks. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

DELUE'S GOLDEN GIANT. (88 days). A cross between Golden Bantam and Howling Mob. A strong grower and very productive. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

■ **IMPROVED BANTAM or BANTAM EVER-GREEN.** (89 days). A cross between Golden Bantam and Stowell's Evergreen. Ears 8 to 9 inches long with 14 to 18 rows of rich golden yellow kernels, deep with tender hull, sweet and fine quality. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00**

White Varieties

■ **LETHERMAN'S LEADER.** (70 days). An extremely early white sweet corn of superior quality, maturing a few days earlier than Golden Sunshine. Ears 8 inches long filled to the tip with plump pearly white, deliciously sweet kernels. Stalks grow about 5 to 6 feet, a good percent bearing 2 fine ears. We consider this one of the best early white varieties for market and home gardens. **Pkt. 10c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00**

"HOLCO" PREMO. (75 days). A good early variety which may be planted as early as the earliest varieties. Ears about 8 inches long with 10 to 12 rows of deep broad kernels of good quality. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 90c, 10 lbs. \$1.70 postpaid. Not prepaid, 15 lbs. \$2.40, 100 lbs. \$15.00.**

MAMMOTH WHITE CORY. (78 days). A desirable early variety for market and home garden. Ears thick with 10 to 12 rows of white sweet, tender kernels. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid. Not prepaid, 15 lbs. \$1.95, 100 lbs. \$12.00.**

"HOLCO" DELICIOUS. (80 days). Especially adapted for midseason market and desirable for the home garden. Ears 7 to 8 inches long with 14 rows of good sized kernels, sweet, tender and fine flavor. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**



Letherman's Leader.



Howling Mob.

WHIPPLE'S EARLY WHITE. (80 days). Looks like Evergreen but is nearly as early as White Cory. Ears 7 to 8 inches long with 14 to 16 rows of deep medium narrow kernels well filled at tips; pure white, sweet and tender. Stalks strong, frequently bearing 2 ears. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid. Not prepaid, 15 lbs. \$1.95, 100 lbs. \$12.00.**

HOWLING MOB. (85 days). An excellent early midseason variety, ears measuring 7 to 9 inches long with 12 to 14 rows of clear white deep kernels with tender skin. A favorite with market gardeners and desirable for the home garden. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid. Not prepaid, 15 lbs. \$1.95, 100 lbs. \$12.00.**

COLUMBUS MARKET. (85 days). Ears are often 9 to 10 inches long with 14 to 16 rows of large deep white very sweet kernels. Stalks strong with broad dark green leaves giving it marked endurance in dry weather. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

BLACK MEXICAN. (88 days). Ripe grain is bluish black, but cooks remarkably white, is tender and of finest quality; ears about 8 inches long, usually 8 rowed. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. 85c, 10 lbs. \$1.60 postpaid. Not prepaid, 15 lbs. \$2.25, 100 lbs. \$14.00.**

EARLY EVERGREEN. (90 days). Resembles Stowell's Evergreen, but matures about 5 days earlier. Ears average 8½ inches long with 16 to 20 rows of very deep ivory white sweet tender kernels. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid. Not prepaid, 15 lbs. \$1.95, 100 lbs. \$12.00.**

■ **STOWELL'S EVERGREEN.** (93 days). The best known late variety of sweet corn. Very desirable for market and home gardens. Stalks sturdy and erect, ears uniform, 16 to 20 rowed kernels clear white, deep, medium width, sweet and tender. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 75c, 10 lbs. \$1.40 postpaid. Not prepaid, 15 lbs. \$1.95, 100 lbs. \$12.00.**

COUNTRY GENTLEMAN or SHOE PEG. (95 days). A very prolific late variety, stalks frequently bearing two ears, which are of medium size having deep grains set in irregular rows on an extremely small cob. Kernels are very deep slender with tender hull and of delicious flavor. **Pkt. 5c, 1/2 lb. 30c, 2 lbs. 55c, 5 lbs. 80c, 10 lbs. \$1.50 postpaid. Not prepaid, 15 lbs. \$2.10, 100 lbs. \$13.00.**

Hybrid Varieties

Through the use of recent breeding methods several varieties have been improved in more vigorous growth, uniformity, yield and high resistance to Stewart's Disease or Bacterial Wilt.

GOLDEN CROSS BANTAM. Developed and introduced jointly by U. S. Dept. of Agri. and Purdue University Agri. Expt. Sta. Highly resistant to Stewart's disease and very prolific. Stalks sturdy. Ears 10 to 14 rowed. Extremely uniform in plant, ear and maturity. Bright golden yellow color. **Pkt. 10c, 1/2 lb. 30c, lb. 50c, 2 lbs. \$1.00, 5 lbs. \$2.25 postpaid.**

TOP CROSS BANTAM. Similar in character of plant to Golden Cross but not quite as uniform. Ears 10 to 14 rowed. Color deep golden yellow. Very productive and highly resistant to Stewart's disease. **Pkt. 10c, 1/2 lb. 25c, lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75 postpaid.**

STOWELL'S EVERGREEN HYBRID. Sturdy stalks with close growing upright ears, slightly tapered, uniform with 16 to 18 rows of deep medium wide white kernels on a medium cob. **Pkt. 10c, 1/2 lb. 30c, lb. 50c, 2 lbs. \$1.00, 5 lbs. \$2.25 postpaid.**

REDGREEN. Introduced by Conn. Agri. Expt. Sta. Its strong close fitting husks make it quite resistant to ear-worms. Stalks frequently have two ears. Foliage reddish green. Ears slender, cylindrical with 12 rows of very white kernels. **Pkt. 10c, 1/2 lb. 30c, lb. 50c, 2 lbs. \$1.00, 5 lbs. \$2.25 postpaid.**

Pop Corn

T. N. T. or DYNAMITE. Produces kernels that pop to enormous size which are tender and fine flavored. **Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 50c, 5 lbs. 70c, 10 lbs. \$1.30 postpaid. Not prepaid, 15 lbs. \$1.65, 100 lbs. \$9.00.**

JAPANESE HULLESS. A heavy yielder. Popped grains are large, tender and fine flavor and have no hull or hard shell. **Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 50c, 5 lbs. 70c, 10 lbs. \$1.30 postpaid. Not prepaid, 15 lbs. \$1.65, 100 lbs. \$9.00.**

WHITE RICE. Very productive, excellent quality. **Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 50c, 5 lbs. 70c, 10 lbs. \$1.30 postpaid. Not prepaid, 15 lbs. \$1.65, 100 lbs. \$9.00.**

QUEEN'S GOLDEN. Pops creamy white. Very productive. **Pkt. 5c, 1/2 lb. 18c, lb. 30c, 2 lbs. 50c, 5 lbs. 70c, 10 lbs. \$1.30 postpaid. Not prepaid, 15 lbs. \$1.65, 100 lbs. \$9.00.**

Cresses

CURLED CRESS, OR PEPPER CRESS. Used not only for salad, but for garnishing. Sow very thinly in rows, a foot apart, cover lightly. **Pkt. 5c, oz. 10c, 1/4 lb. 25c, lb. 75c.**

WATER CRESS. Should be sown in damp soil; or if a stream of water can be utilized, it will be much finer. **Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, lb. \$4.00.**

Cucumber

One ounce will plant 50 hills. 2 pounds to the acre.

CULTURE—When all danger of frost is past and soil has become warm, plant 8 to 10 seeds in hills about 4 feet apart in fairly rich well prepared soil, cover $\frac{1}{2}$ inch, thin out to 3 plants to the hill. Cultivate until plants begin to vine. Keep the vines bearing by gathering the cucumbers as soon as they are ready. For pickles plant in July.



Letherman's Wondergreen.

■ **LETHERMAN'S WONDERGREEN.** This wonderful new cucumber is most uniform in shape, size and deep green color, ranging from 10 to 11 inches in length. Its crisp, solid flesh of deliciously cool, refreshing flavor make it most desirable for slicing. In the slicing stage it shows no trace whatever of white stripes at the blossom end, nor any light green color. It is of the darkest green imaginable, and holds this beautiful dark green color for an exceptionally long time after being picked, which, together with its solidity and size, makes it an admirable variety for shipping. For forcing under glass it is fine. For the Market Gardener who wants a money maker and the Home Gardener who wants quality this is The Cucumber. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

CLARK'S SPECIAL. A very desirable main crop variety. Attractive deep green color, uniform length from 8 to 10 inches with very small seed pocket which makes it excellent for slicing. Smooth with few white spines. Holds its color and firmness in distance shipping. A fine dark green white spine variety good for all purposes. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

■ **LONGFELLOW.** One of the best of the long varieties, used either for forcing or outdoor culture. Slender, symmetrical, dark green attractive fruits about 14 to 15 inches long, ideal for home garden and a splendid shipper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

HOLCO WHITE SPINE. Perfect shape, rich dark green fruits 7 to 8 inches long. Early, very productive. A splendid variety for home and market. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**

ARLINGTON WHITE SPINE. One of the older well known types. Excellent color, early and productive. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**

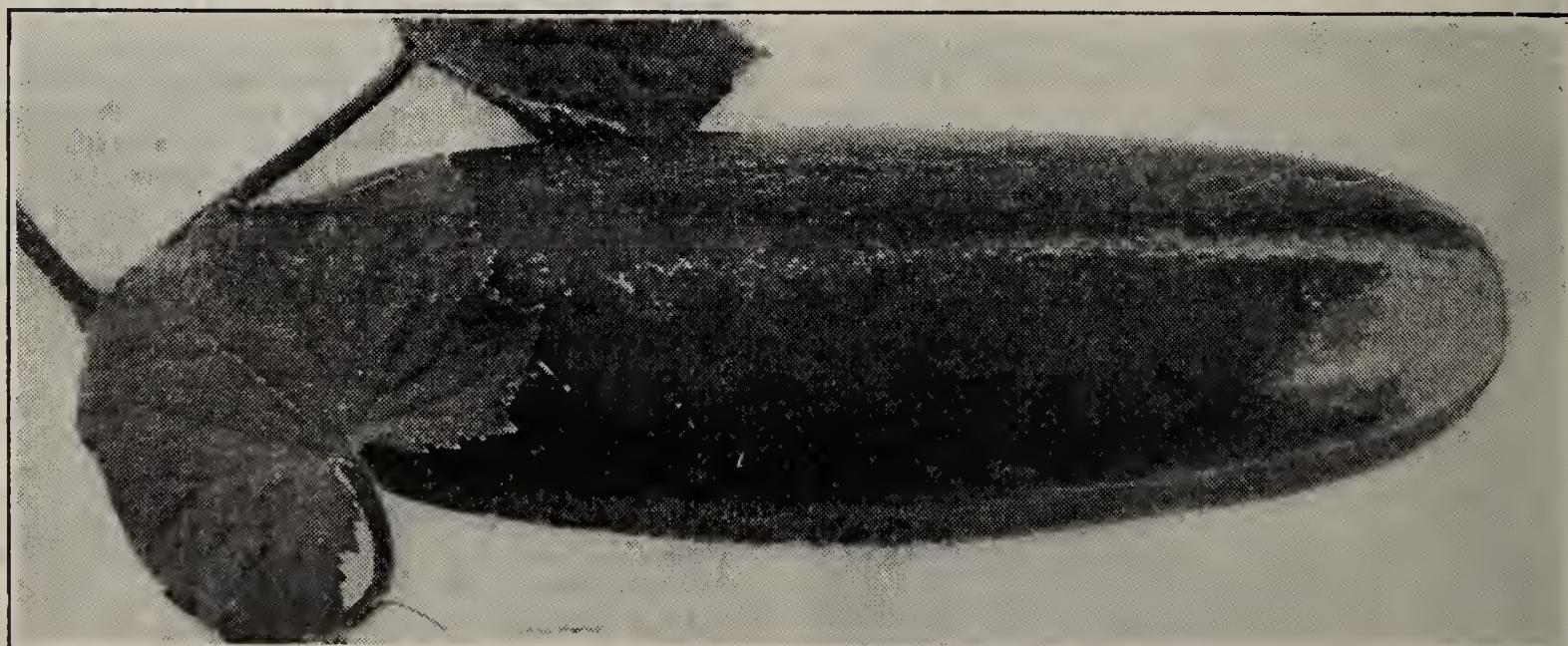
■ **EARLY FORTUNE.** Plant is early, vigorous with heavy thick foliage, fruits uniform, 9 inches long, slightly tapering at both ends. Excellent shipper and splendid for the home garden. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

DAVIS PERFECT. Rich dark green color, about 9 inches long, flesh very tender, crisp and fine flavor. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

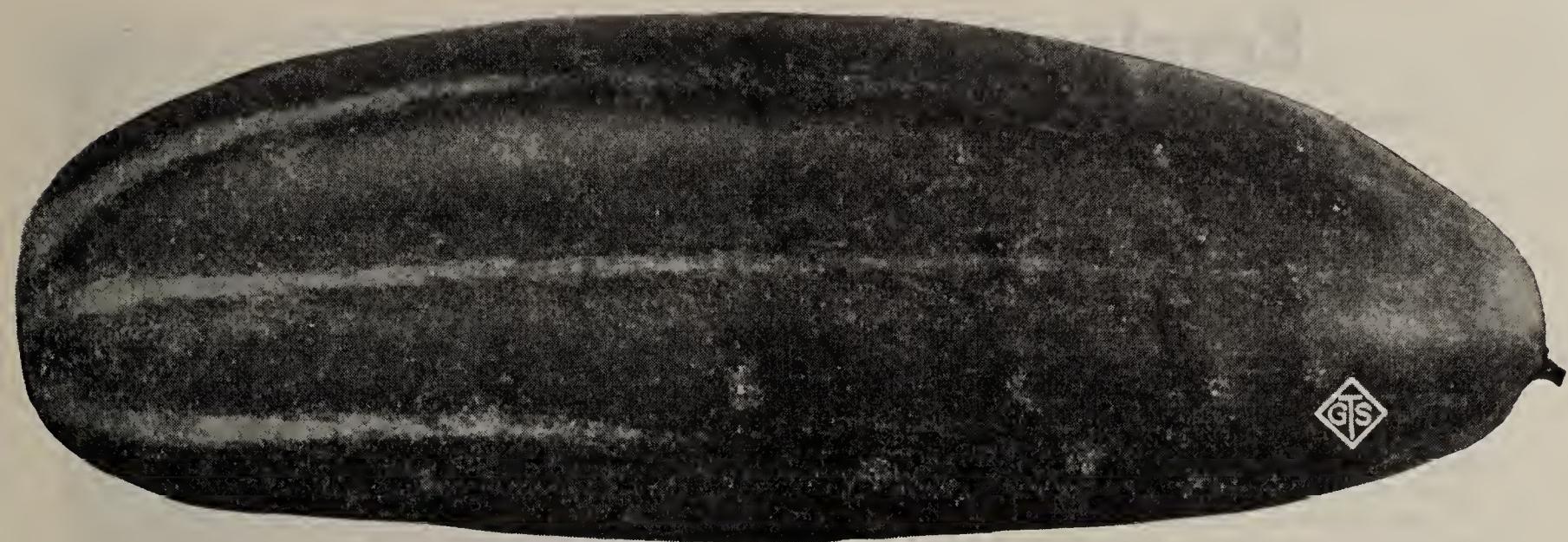
KLONDYKE. Fruits 7 to 8 inches long, blunt ended, dark green, flesh firm, crisp and good quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**

EXTRA LONG or EVERGREEN (White Spine). Similar to Davis Perfect. A trifle longer and thicker. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

COOL AND CRISP. An old well known sort. Early, prolific and desirable for home garden use. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**



Clark's Special.



Early Fortune.

WHITE WONDER. Fruits about 7 inches long, smooth and white at all stages of growth. Flesh firm and crisp. **Pkt. 5c, oz. 20c, ¼ lb. 55c, 1b. \$1.75.**

EARLY FRAME or SHORT GREEN. Ends are blunt, very hardy and fine for a second crop of pickles. **Pkt. 5c, oz. 10c, ¼ lb. 30c, 1b. \$1.00.**

■ **IMPROVED LONG GREEN.** One of the best and most popular varieties for the home garden. Vines hardy and vigorous producing long slender dark green fruits in great abundance which average 12 inches in length, crisp and tender. Excellent for pickles when gathered young. **Pkt. 5c, oz. 15c, ¼ lb. 40c, 1b. \$1.50.**

JAPANESE CLIMBING. Used for training over trellises. Flesh white, crisp and good flavor. Fruits deep green, about 9 inches long. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

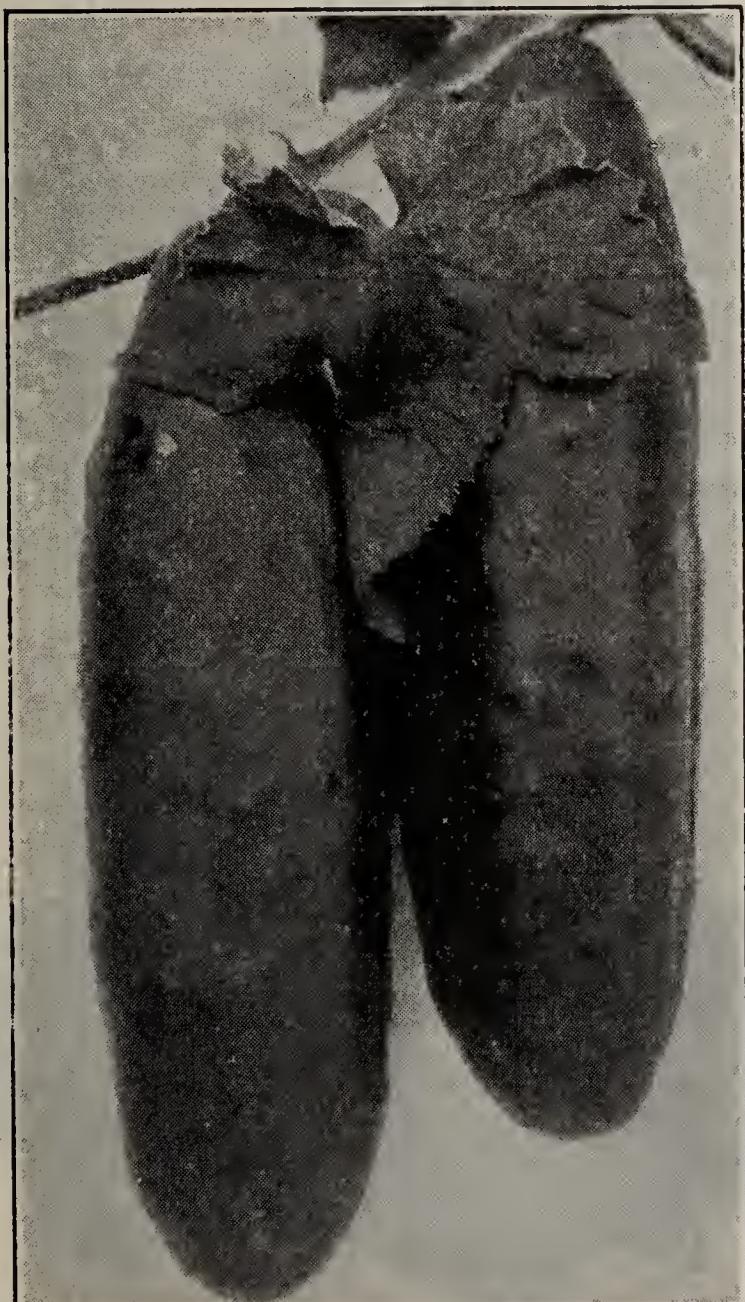
BOSTON PICKLE. One of the most popular varieties in use for pickles. Very early and prolific. Fruits are smooth, uniform and taper slightly. **Pkt. 5c, oz. 10c, ¼ lb. 30c, 1b. \$1.00.**

■ **CHICAGO PICKLE.** One of the standard pickle varieties. Early, very productive, with blunt ends. Plants are very disease resistant. **Pkt. 5c, oz. 10c, ¼ lb. 30c, 1b. \$1.00.**

SNOW'S PICKLE. Similar to Chicago except that it is smaller. Very uniform, smooth, early and enormously productive.

EARLY CLUSTER. Well known variety used for pickles. Early smooth and a heavy yielder. **Pkt. 5c, oz. 10c, ¼ lb. 30c, 1b. \$1.00.**

WEST INDIA GHERKIN. Used for pickles. Fruits are small, oval, about 1½ inches long and covered with spines all over. Color light green. **Pkt. 5c, oz. 20c, ¼ lb. 60c, 1b. \$2.00.**



Chicago Pickle.

Dandelion

A hardy perennial. The broad-leaved cultivated form is far superior to the wild growing products. Seeds are sown thinly in rows fifteen inches apart and covered very lightly. One ounce of seed will sow three hundred feet of row.

IMPROVED THICK-LEAVED. A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular upright tuft, and making an abundant crop without using much ground. Far superior to the Common sort and blanches almost naturally. **Pkt. 5c, oz. 60c, ¼ lb. \$1.75, 1b. \$6.00.**

Dill

DILL. Sow early in the spring, thinly in rows about 1½ feet apart for hand cultivation or 2½ feet apart if to be cultivated with horse. Cover seed about ½ inch. Dill is used in large quantities for flavoring cucumber pickles; also for flavoring vinegar. **Pkt. 5c, oz. 10c, ¼ lb. 20c, 1b. 65c.**

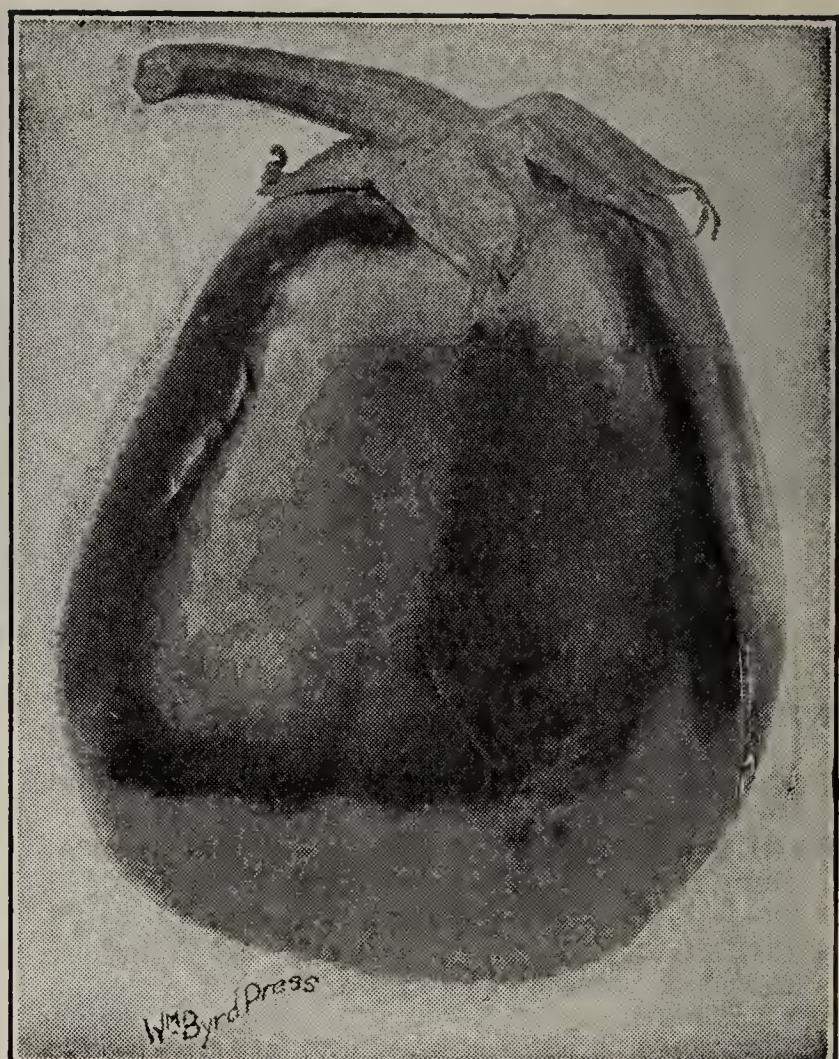
Eggplant

One ounce of seed for 2,000 plants.
 $\frac{1}{4}$ pound to an acre.

Sow seed in March in hotbeds or seed boxes, and when 3 inches high transplant into small pots. Plant outdoors after the weather has become warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row. Hoe frequently to keep soil loose and fine.

■ **BLACK BEAUTY.** The plants of this sort are remarkably healthy in their growth, and produce an abundance of large fruits earlier than the New York Improved. The skin is rich purplish black, making the fruit very attractive in appearance. Entirely spineless. The fruits are solid, tender and of excellent flavor. Make a good show on the market-stall, always bring good prices. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.25, 1b. \$4.50.**

NEW YORK IMPROVED PURPLE. The leading sort for home and market. Plant is a vigorous grower. Fruit large, fine and free from thorns, and produced until frost. Skin rich purple. Flesh white and of good flavor. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, 1b. \$4.25.**



Black Beauty Eggplant.



Dwarf Curled Scotch Kale.

Kale or Borecole

One ounce will sow a row 150 feet long.
 $\frac{1}{4}$ pounds to an acre.

Sow seed early in the Spring. Thin the plants until they are from 6 to 8 inches apart in the row. Sow in June for the fall. Frost improves the quality.

■ **DWARF CURLED SCOTCH.** Largely grown for "greens" during fall and winter, is used like Spinach; also useful in garnishing. Leaves rich bright green color. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

DWARF SIBERIAN. This sort will stand very cold weather. The leaves are broad, blue-green, finely curled. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**



Green Curled Endive.

Endive

Ounce of seed to 100 feet of row.
 $4\frac{1}{2}$ pounds to an acre.

Sow seed in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant or thin plants to 8 inches apart. To blanch hearts, raise leaves and tie together over heart.

WHITE CURLED. The most attractive in appearance, very crisp. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

■ **GREEN CURLED.** An extremely popular variety. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

■ **GIANT FRINGED.** Has a large white heart. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

BROAD-LEAVED BATAVIAN (Escarolle). Broad, thick leaves. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, 1b. \$1.25.**

**FOR
SEASONING Herbs FOR
FLAVORING**

Every kitchen garden should have a few Herbs. Sow in early Spring, at the time when the trees begin to leaf, in ordinarily good and well-drained garden soil, in rows 12 to 14 inches apart. Cover seed lightly. Thin or transplant, to stand, 6 to 12 inches apart in the rows. Cultivate frequently. Varieties preceded by an (□) are perennials.



Sage.



Thyme.

ANISE. The seed is used for aromatic and medicinal purposes and in baking. The leaves are used for flavoring, garnishing and cordials. **Pkt. 10c, oz. 20c, ¼ lb. 60c.**

CORIANDER. The seed is used for flavoring in baking, in making candy and for culinary purposes. **Pkt. 10c, oz. 20c, ¼ lb. 50c.**

DILL. Leaves and seed heads are used in making Dill Pickles and for flavoring soups and sauces. **Pkt. 10c, oz. 15c, ¼ lb. 25c, 1b. 80c.**

□ **FENNEL, SWEET.** The leaves boiled are used in fish sauces; also used in garnishing. Seeds used for flavoring and medicinally. **Pkt. 10c, oz. 25c, ¼ lb. 75c.**

□ **LAVENDER.** Chiefly grown for its flowers, which are used in the manufacture of perfumery. Frequently planted for edging or border in the flower garden. **Pkt. 10c, oz. 50c, ¼ lb. \$1.50.**

MARJORAM SWEET. Leaves and ends of the shoots, both green and dried, are used for flavoring. **Pkt. 10c, oz. 25c, ¼ lb. 75c, 1b. \$2.25.**

□ **SAGE.** Leaves and tops are used for seasoning and stuffing, also for medicinal purposes. **Pkt. 10c, oz. 30c, ¼ lb. 90c, 1b. \$3.00.**

SUMMER SAVORY. Leaves and young shoots are used for flavoring, especially for boiled string beans. **Pkt. 10c, oz. 25c, ¼ lb. 75c.**

□ **THYME.** Used for seasoning; a tea is also made for nervous headache. **Pkt. 10c, oz. 40c, ¼ lb. \$1.25.**

HORSE RADISH ROOTS (Ready in March).

MALINER KREN. Vigorous grower; large size roots of superior quality and color. **Per doz. 25c postpaid.** Write for prices on larger quantities.

Kohl-Rabi

One ounce of seed will sow 300 feet of row.

4 pounds to an acre.

Sow seeds $\frac{1}{2}$ inch deep and later thin plants 4 to 6 inches.

EARLY WHITE VIENNA. A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground; flavor of both Turnip and Cabbage. Should be in every garden. **Pkt. 5c, oz. 20c, ¼ lb. 60c, 1b. \$2.00.**

EARLY PURPLE VIENNA. The outside color is purple; flesh white. **Pkt. 5c, oz. 20c, ¼ lb. 60c, 1b. \$2.00.**

Leeks

One ounce will sow 150 feet of row.

4 pounds for an acre.

Closely related to the Onion, being milder flavor and not forming bulbs. Instead, the plants have flat leaves which form long, fleshy stalks. Excellent for soup and salads. Sow in the early spring, and when three or four inches tall, thin out to stand four inches apart in the row. With a slight protection, they can be left in the ground all Winter.

AMERICAN FLAG. This is a strong-growing variety, producing large, thick stems of mild flavor. **Pkt. 5c, oz. 15c, ¼ lb. 45c, 1b. \$1.50.**



Early White Vienna Kohl-Rabi.

Special Bean Collection

LEATHERMAN'S SUPREME WAX
TENDERGREEN
FORDHOOK BUSH LIMA

} **½ lb. each for 60c (value 80c)**
1 lb. each for \$1.00 (value \$1.30)
Postpaid

Lettuce

One ounce will sow 150 feet of row. 4 to 5 pounds for an acre.

To grow head Lettuce early, sow the seed in February or March in boxes, flats or in hotbeds in rows. When an inch high, transplant to cold frames. From there set out in the garden as soon as the soil is warm, placing the plants 5 or 7 inches apart in rows while the rows should be 12 to 18 inches apart. Where there is no hotbed, sow seed outside when ground is warm and transplant. For loose-leaf or curly-leaved sorts, sow the seed either broadcast or in rows. By sowing in rows the plants can be cultivated. Sow seed the last of August and in September to be transplanted to the coldframe in October.



Special
White Boston.

■ **BIG BOSTON.** Still the most widely grown heading variety. Heads light green tinged brown on the edges, large, very solid with buttery yellow heart and of excellent quality. Does particularly well in the cool spring and fall months and valuable for hotbed or cold frame culture. Our stock is unsurpassed. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1lb. \$1.25.**

■ **SPECIAL WHITE BOSTON.** Beautiful solid heads of light green with tightly folded creamy yellow hearts. Crisp, tender, and of delightful flavor. Differs from the Big Boston in color, being lighter and does not have the red tinge. Very popular for cold frames, and spring and fall planting, in the field. **Pkt. 5c, oz. 15c, 1/4 lb. 40c, 1lb. \$1.50.**

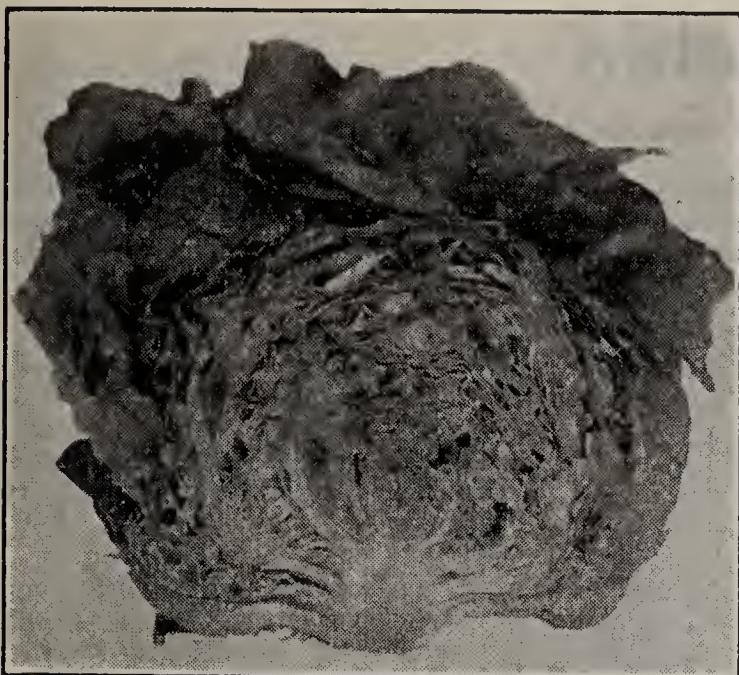
■ **NEW YORK or WONDERFUL No. 12.** This is a decided improvement over other strains of New York and is the result of single plant selection. It is earlier, makes large solid heads which are lighter in color and is very uniform in maturing. A very desirable strain for spring and summer culture because of its earliness and sure heading qualities. Matures in 65 days. **Pkt. 10c, 1/2 oz. 15c, oz. 25c, 1/4 lb. 75c, 1lb. \$2.50.**

CRISP AS ICE. Heads are large, solid, crisp, tender and brittle; rich creamy yellow heart. Glossy leaves are thick, nicely curled and tinged with brown. A good home garden variety. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1lb. \$1.25.**

HOLCO HARDY WINTER. A cabbage butter head variety of medium size, medium dark green. Forms tight heads in fall and winter when sown in summer. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1lb. \$1.25.**



New York or Wonderful No. 12.



Unrivalled Lettuce.

UNRIVALLED. Forms large, compact heads of a light green color, shading to a creamy white center. Of fine quality, having a rich buttery flavor. In appearance is similar to the Big Boston without the brown tinge and matures about 10 days earlier. Especially well adapted for growing in spring and summer. **Pkt. 5c, oz. 15c, ¼ lb. 40c, 1b. \$1.50.**

■ **IMPROVED HANSON.** Excellent for mid-summer planting. A sure header, light green color with solid well blanched heart. Leaves curly with fringed edges. Fine for home and market. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

SALAMANDER. A cabbage butter head of medium size. Forms a good solid head of fine quality and does well under almost any weather. Highly recommended for home and market gardens. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

ICEBERG. Curled or crisp heading; medium green leaves with fringed edges tinged with brown. Forms a large compact crumpled head beautifully white inside. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

CALIFORNIA CREAM BUTTER. Desirable for fall and winter use; heads large and buttery with rich golden yellow heart. Leaves bright green, slightly tinged with brown. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

PRIZE HEAD. A crisp nonheading variety and one of the best for home gardens as it grows quickly making a lot of good eating leaves of remarkably good flavor. Leaves curly, tinged red, very sweet and tender. **Pkt. 5c, oz. 15c, ¼ lb. 40c, 1b. \$1.50.**



LETUCE BLACK SEADED SIMPSON



Grand Rapids Forcing Lettuce.

■ **GRAND RAPIDS.** Most popular of the loose leaved varieties. Excellent for early planting outdoors and for greenhouse forcing. Plants make a compact bunch of light green leaves with much frilled edges. Very early, hardy and disease resistant. Tender and sweet when grown under glass. **Pkt. 5c, oz. 15c, ¼ lb. 40c, 1b. \$1.50.**

■ **BLACK SEADED SIMPSON.** A standard nonheading variety of large size; light yellowish green. Grown quickly, is early and of fine quality. A splendid variety for the home garden and local market garden trade. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

EARLY CURLED SIMPSON. Curled nonheading; medium large, light green; crumpled leaves. Hardy, quick growing, forming a tight bunch of leaves at the center, crisp, tender and sweet. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

PARIS WHITE COS. The best known and most popular Cos variety. Grows about 8 or 9 inches tall, is medium green and forms good well folded heads of greenish white interior and of fine quality. **Pkt. 5c, oz. 15c, ¼ lb. 40c, 1b. \$1.50.**

CHICKEN LETTUCE. A tall growing dark green hardy nonheading type, producing the largest supply of leaves of any known Lettuce. Of great value as a green food for poultry and rabbits. **Pkt. 5c, oz. 15c, ¼ lb. 35c, 1b. \$1.25.**

SPECIAL Sweet Corn Offer

LEATHERMAN'S LEADER
GOLDEN SUNSHINE
STOWELL'S EVERGREEN

1 Packet each for 15c	Value 20c
½ Pound each for 45c	Value 60c
1 Pound each for 75c	Value \$1.00

All postpaid

Muskmelon

One ounce to 60 hills. 2 to 3 pounds to the acre.

Plant seed in hills 4 to 6 feet apart each way, after danger of frost is over. Use well-rotted manure in the hills. Insert seeds just under surface of soil; thin out, leaving only four plants to a hill. A light, warm soil is best, but there are sorts adapted to heavy loams if well drained. In hoeing draw the soil well up to the plants.



Hales Best.

■ HALES BEST. (Improved Strain.) A remarkably early melon maturing in from 65 to 68 days. Oblong in shape about 8x4½ inches with heavy netting and fairly prominent ribs. The deep salmon flesh is of exceptional thickness, fine grained and excellent quality. Its extreme earliness, good eating and shipping qualities make it very valuable commercially as well as very desirable for home use. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.50.**

■ IMPROVED PERFECTO. This is a pink meat melon with very deep flesh and exceedingly small seed cavity. Fruits are nearly round and very uniform in size. Flesh is honey-sweet, meltingly tender and luscious. The hard gray netting which covers it makes it an excellent shipper. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.**

■ HONEY ROCK or SUGAR ROCK. The flesh of this melon is a deep orange clear to the rind, very thick, free from stringiness and of deliciously sugary, spicy flavor, different from all other sorts. Fruits are round, of attractive appearance, heavily netted, without ribs. The strong rope-like rind makes it possible to ship long distances. Vines very productive. Ripens in about 85 days. **Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.**

■ BENDERS SURPRISE. Oval shape, light green with coarse netting. Grows quite large. Flesh is deep orange, very thick, deliciously sweet and fine flavor. Is medium early and keeps in good condition a long time. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.**

GOLDEN CHAMPLAIN (Lake Champlain). A very early medium sized melon, slightly ribbed and nicely netted. Flesh a deep golden yellow, very thick, sweet and melting. A very good home and early market variety. **Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.**

HEARTS OF GOLD. A medium sized nearly round melon with fairly distinct ribs and heavy close netting. The orange salmon flesh is thick, sweet and spicy. Has small seed cavity, tough rind and is disease resistant. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.**

TIP TOP. Fruits large, slightly oval, evenly ribbed and nicely netted. Flesh bright salmon, sweet and delicious. A splendid variety for home and market gardens. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.**

EMERALD GEM. Early, prolific, smooth skin, slightly ribbed. Orange flesh, is very sweet and luscious. Excellent for home gardens. **Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.**

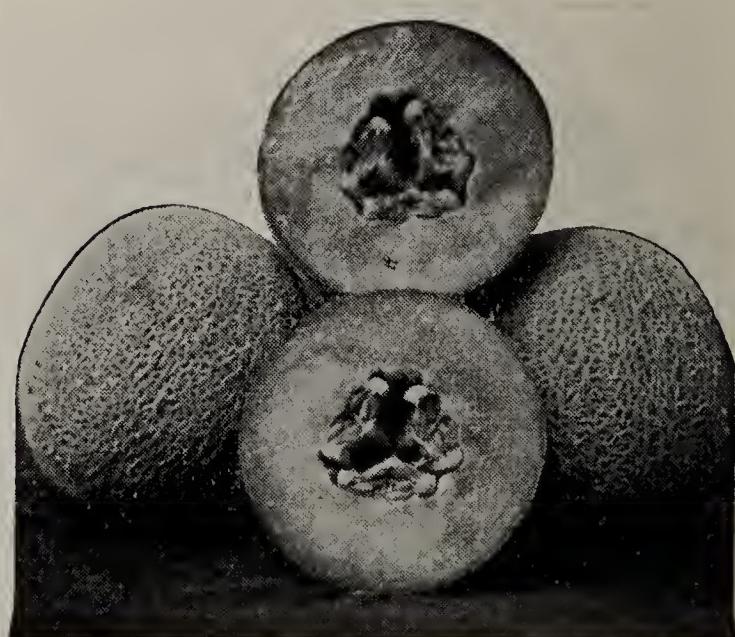
GOLDLINED ROCKY FORD. This green fleshed melon has a gold lining next to the seed cavity which makes it very attractive when cut. Flesh is thick, sweet and spicy. Shape is round with solid netting. **Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.**

EXTRA EARLY HACKENSACK. The earliest of the green fleshed melons. Flesh thick and fine quality. Good for home gardens. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.25.**

ROCKY FORD or NETTED GEM. A popular green fleshed variety for market and home garden use. Almost round, well netted, thick flesh and delicious flavor. **Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00.**

HONEY DEW (Green Fleshed). Hard, smooth, round, cream colored rind. Flesh thick, tender, distinctive flavor. Remains edible for months when properly stored. **Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.50.**

BANANA. Long fruits having a banana like appearance. Pink flesh with delicious eating qualities. **Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.50.**

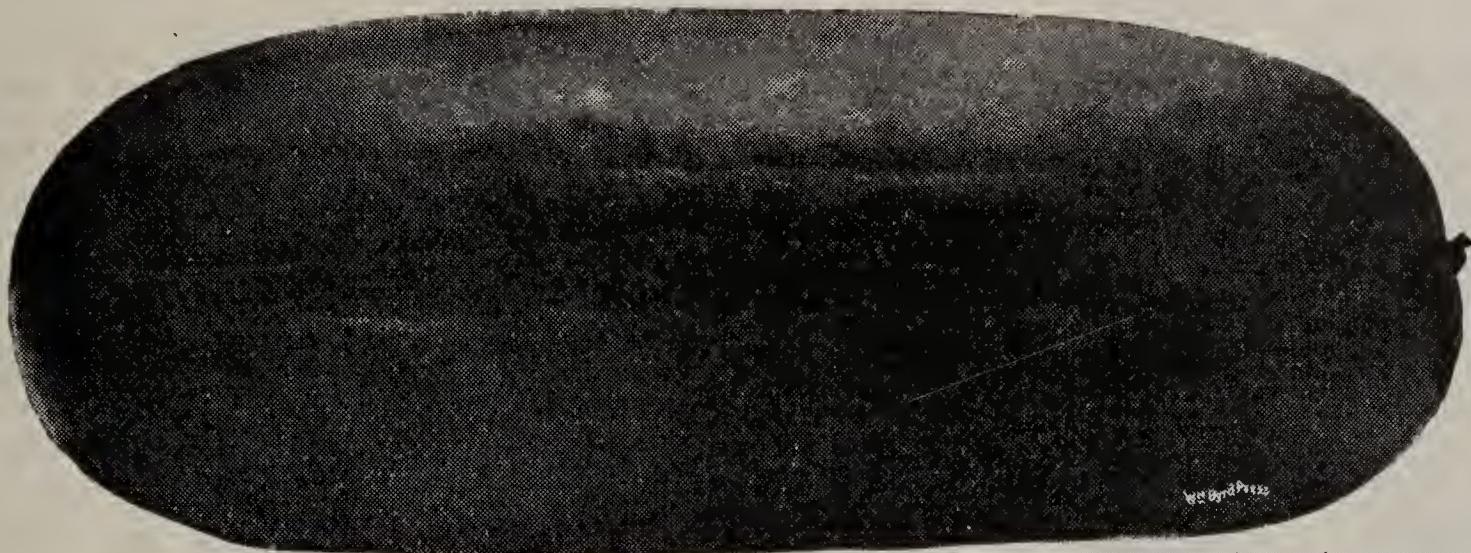


Improved Perfecto.

Watermelon

1 ounce will plant 25 to 30 hills. 4 to 5 pounds to the acre.

CULTURE—Watermelons do best on light sandy well drained soil. The hills should be 6 to 8 feet apart. Plant 6 to 8 seed to each hill using a shovelful of well rotted manure under each hill, cover with $\frac{1}{2}$ inch of fine soil. If commercial fertilizer is used it should be high in ammonia and potash. Plant when soil is warm and thin out to 3 of the strongest plants to the hill.



Improved Kleckley Sweet

GRAYSTONE. A medium early large round blunt ended melon, with few seeds and a great amount of solid heart. Flesh rich scarlet, fine grained and sweet. The rind is greenish-gray. Primarily a home and local market melon, but will stand shipping if not loaded heavily. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.25.**

IMPROVED KLECKLEY SWEET. Medium early. The melons are 18 to 22 inches long, cylindrical and very dark green. Flesh is bright red, tender, extremely sweet with solid heart. A most desirable melon for home and market gardens. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

HALBERT'S HONEY. A fine variety for the home garden and local market. It is a long melon, dark green, thin rind with fine veins. Flesh deep red, sweet, tender without stringiness and extends close to the rind. Medium early. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

COLE'S EARLY. A very early variety, nearly round, of medium size. Dark green rind with lighter stripes. Flesh bright red, very firm and deliciously sweet. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**



Harris'
Earliest.

HARRIS EARLIEST. An early variety desirable where the growing season is short. Fruits medium size, short, oval with dark and light green stripes. Flesh bright red, of good flavor. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

SWEETHEART. Fruits are large round to slightly oblong. Rind is light green with fine darker veining, very tough and elastic making it a good shipper. Flesh bright red, crisp and sweet. Medium early. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

TOM WATSON. A long dark green melon with a very tough rind making it a very good shipping sort. Flesh is bright red, firm of good flavor. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.**

PEERLESS or ICE CREAM. Fruit medium size, oval, medium green covered with fine veining. Flesh bright scarlet, crisp, tender and sweet. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

IRISH GRAY. Fruits long grayish green with thin hard, tough rind. Flesh bright red, of good quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

CITRON (Colorado Preserving).
Excellent for making preserves.
Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. \$1.00

Mustard

One ounce will sow 100 feet of row.

CULTURE—Used for greens like spinach. Sow seed in very shallow rows about 2 feet apart, thin out plants to stand 6 to 8 inches apart. For a continuous supply make frequent plantings.

FORDHOOK FANCY or (Ostrich Plume). Plants vigorous, leaves dark green, finely curled and fringed. Stands well during hot weather. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

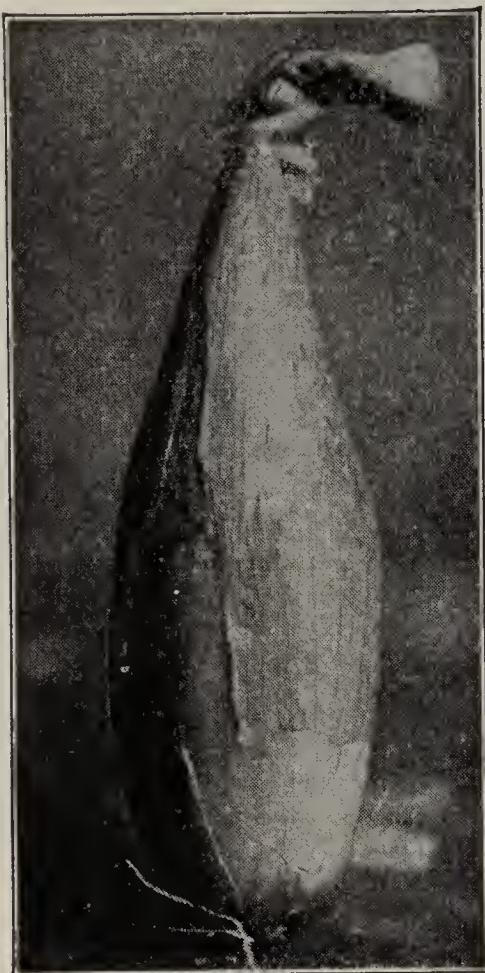
SOUTHERN GIANT CURLED. Leaves large, curled. Plant hardy and vigorous. Good quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 60c.**

Onion

One ounce will sow 100 feet of row. 4 to 5 pounds to the acre.

For sets 6 ounces to 100 feet. 30 to 50 pounds to the acre.

CULTURE—Sow in rich well drained soil in the early spring in rows 12 to 14 inches apart, cover about $\frac{1}{2}$ inch deep. When large enough thin out to allow plenty of room for bulbs to develop. Keep well cultivated and free of weeds.



Bottle Onion.

■ **G E N U I N E BOTTLE O N - I O N.** This splendid Onion deserves to be better known on account of its general good qualities. It takes its name from its peculiar shape which resembles a bottle (see illustration) The flavor is sweet and mild. Its great length makes it a fine variety for bunching. It is splendid for slicing. A good yielder and keeper. We know you will like it, you should give it a trial. **Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 30c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.**

■ **SOUTHPORT Y E L L O W GLOBE.** Medium size, apple

shape, deep yellow skin, flesh creamy white, fine grained, excellent flavor. Tops die early and uniformly leaving a slender neck. An excellent keeper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.**

SOUTHPORT WHITE GLOBE. Perfect globe shape, pure white. The skin is thin, the flesh waxy, white and fine-grained. Ripens late and a fair keeper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.25.**



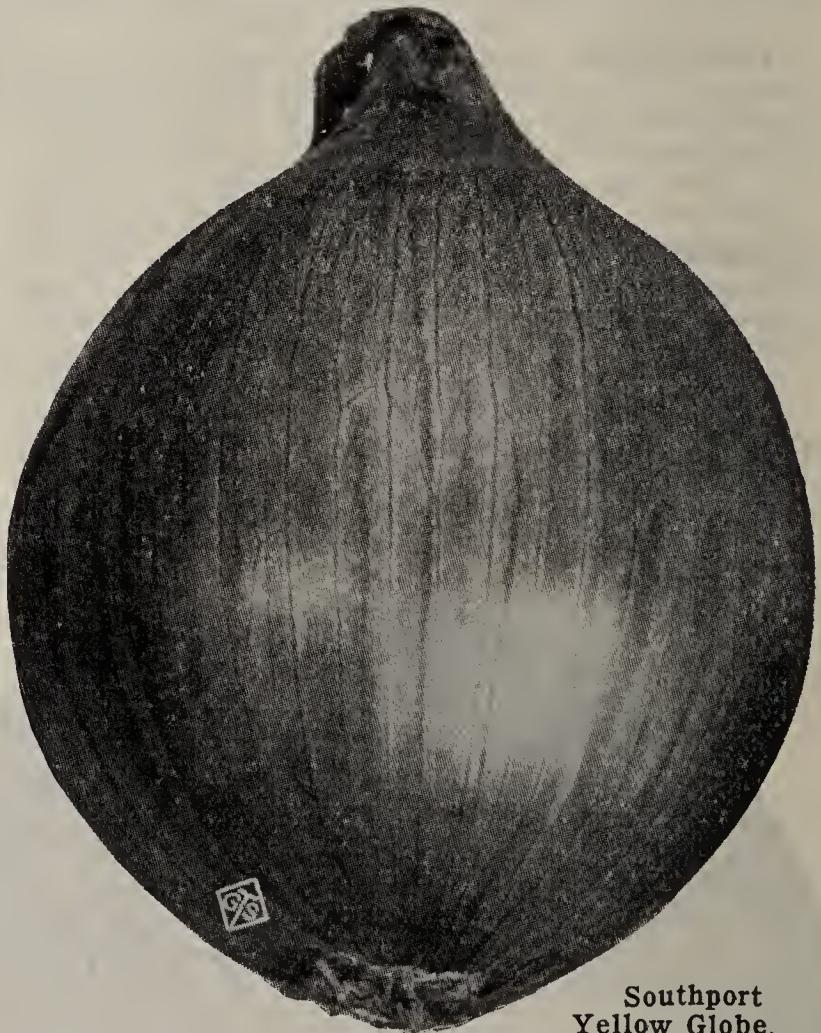
Mountain Danvers.

SOUTHPORT RED GLOBE. Medium size, globular, very deep purplish red, most handsome of all red onions. The flesh is fine grained and firm. An excellent keeper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.**

■ **RIVERSIDE SWEET SPANISH.** One of the best of the large Spanish type Onions, under favorable conditions producing bulbs weighing up to 2 pounds. Its bright golden yellow color, excellent mild flavor and good keeping qualities make it a very desirable sort. **Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.**

PRIZETAKER. A bright clear straw color, perfect globe shape, of immense size, fine grained, of mild delicate flavor. An unusually heavy cropper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.**

■ **EBENEZER (or Japanese).** Very early and prolific. Bulb is of medium size, deep flat, firm, hard, tender, mild and wonderful flavor. Skin is pure deep yellow. Makes sets of splendid keeping quality. When planted out these sets make early mature Onions for home or market use. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.**



Southport
Yellow Globe.

LARGE RED WETHERSFIELD. Bulbs are flat with rounded top, deep red in color. Flesh white, slightly flushed pink, solid, fine grained and good flavor. Good keeper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, lb. \$2.00.**

MOUNTAIN DANVERS. Color is pure deep amber, thick skin. Bulb is apple shape, good size, hard and heavy. Flesh a clear light lemon yellow, very fine and firm. Its extreme earliness, hardiness and exceptional keeping qualities is due to our seed being grown in the high altitude of Colorado. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.25.**

YELLOW GLOBE DANVERS. A very popular medium size, medium early, hard globe shaped Onion. Skin pure yellow. Flesh white, firm, solid, crisp and excellent flavor. A good keeper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

OHIO YELLOW GLOBE. The most widely used type of yellow globe Onion. Bulbs are medium large, globe shape, slightly flattened at the bottom; pure deep yellow with hard firm flesh of good keeping qualities, mild flavor, large yielder, ripens early and all at one time. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1b. \$2.00.**

WHITE PORTUGAL (or Silver Skin). Bulbs medium size flat, pure white. Flesh is fine grained, firm and hard. Ripens late, is a good keeper, excellent for sets, pickling and green bunching. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, 1b. \$2.25.**

EXTRA EARLY BARLETTA. Exceptionally early, used for pickling and green bunching. Bulbs small, flat, waxy-white, mild and sweet. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, 1b. \$2.00.**

Onion Sets

One pound will plant 40 feet of row.

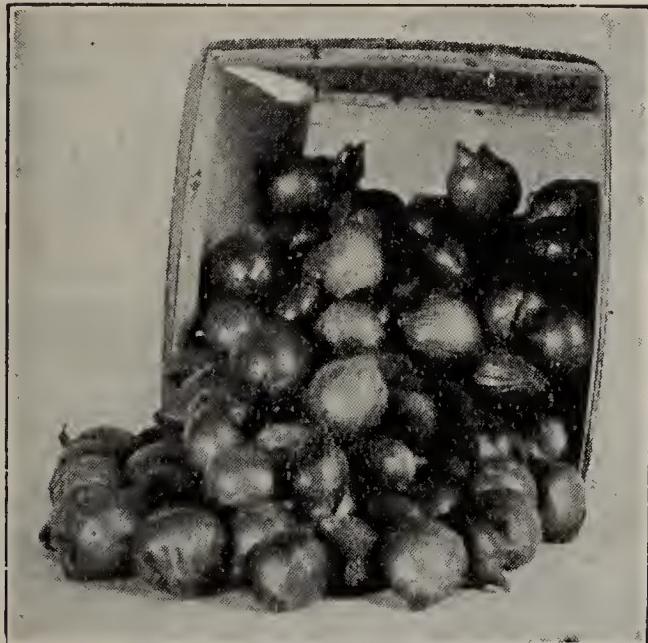
8 bushels to an acre.

Prices on Onion Sets are subject to market changes.

Yellow Bottle, 1b. 35c, Yellow Globe, 1b. 25c, White Sets, 1b. 30c, Ebenezer or Jap, 1b. 25c.

Above prices postpaid.

(Write for prices on larger quantities)



Recleaned Onion Sets.

Okra or Gumbo

One ounce will sow about 75 feet of row.

8 pounds to the acre.

CULTURE—Sow seed when ground is warm in rows about 3 feet apart, thin plants to stand about $1\frac{1}{2}$ feet apart.

PERKINS MAMMOTH. Plants dwarf, prolific; producing long, slender, deep green pods. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 65c.**

WHITE VELVET. Long slender white pods; smooth and velvety in appearance. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 60c.**



Champion Moss Curled Parsley.

Parsley

One ounce will sow 200 feet of row.

3 pounds to the acre.

CULTURE—Sow the seed as early in the spring as the ground can be prepared, cover $\frac{1}{2}$ inch deep with fine soil firmly pressed down, allow 18 inches to 2 feet between rows. Thin out plants when large enough to stand 4 to 6 inches apart. Parsley seed is very slow to germinate. Often 3 to 4 weeks elapse before the seedlings appear. Some growers soak the seed a few hours in luke-warm water before sowing.

CHAMPION MOSS CURLED. Compact growing, densely curled sort. Owing to its dark green color, it is popular with home and market gardeners; very useful for garnishing. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**

DOUBLE CURLED. Is upright in growth. For this reason is preferred by many growers. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**

PLAIN. Excellent for seasoning. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1b. 75c.**

HAMBURG TURNIP—ROOTED. Edible Roots are long, rather early, and in appearance much like a parsnip. The foliage is the same as that of the common parsley. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c, 1b. \$1.00.**

Parsnip

One ounce for 200 feet of row.

5 to 6 pounds for an acre.

Sow as early in the spring as the weather will permit, in drills 18 inches apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out 3 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use.

IMPROVED HOLLOW CROWN. Smooth, white, fine-grained, tender, sweet flesh; immense yielder. Medium long root, broad shoulder. Most valuable sort for home and market. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1b. 75c.**

GUERNSEY. White, thick root which is shorter than the Hollow Crown. Clean skin, very fine, grooved neck. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1b. 75c.**



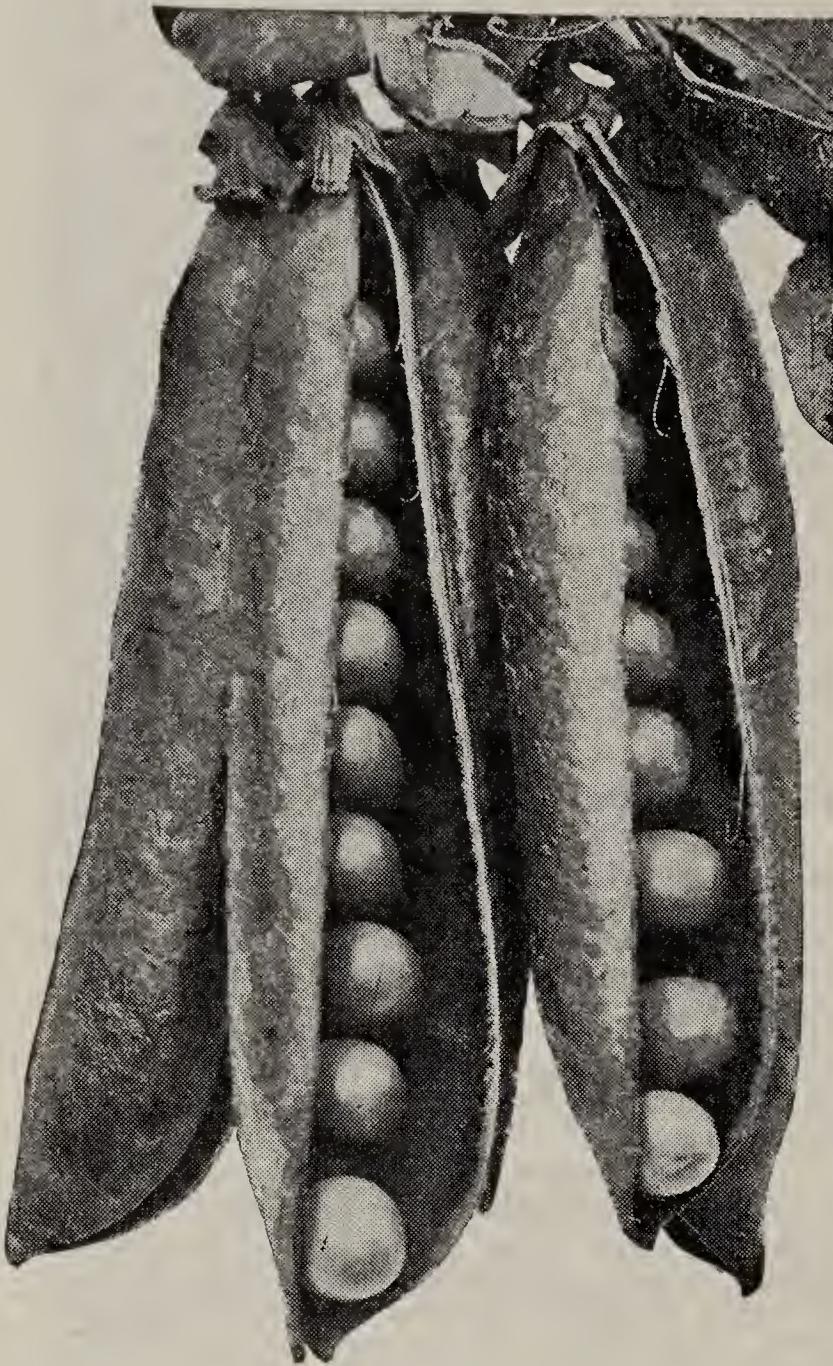
Improved Hollow Crown Parsnip.

Peas

2 pounds to 100 feet of row. 100 to 120 pounds to the acre.

CULTURE—Peas do best in fairly rich soil and the cool months. A longer supply may be had by making successive plantings. The smooth varieties may be planted as soon as the soil can be prepared; the wrinkled varieties are not so hardy and should be planted later. Plant in rows 2 to 2½ feet apart for the dwarf and 2½ to 3 feet for the tall varieties, covering the seed 1½ to 2 inches, and spacing it about 2 inches apart in the rows. Keep well cultivated and supply moisture if needed. Best results are usually obtained from the early plantings. Gather the pods as soon as they ripen.

We have given the approximate time to the first picking which varies in different seasons and sections; the figures will assist in comparing the relative earliness or lateness of the different varieties.



Early Bird Peas.

ALASKA. (55 days.) The most extensively used smooth Pea. Vines 20 to 30 inches. Pods 2½ inches, well filled. Very productive. Matures uniformly.

■ **EARLY BIRD.** (55 days.) Extremely early large deep green, attractive pods, measuring 4 to 4½ inches long filled with 9 to 10 large dark green peas of splendid quality. Vines grow about 16 inches tall and are very productive. Seed is semi-wrinkled and may be planted as soon as the soil can be worked. As early as the Alaska, with pods twice as large. Here is a money maker for the alert Market Gardener as the seed may be planted before the fully wrinkled varieties and the pods are equally as attractive. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.00, 10 lbs. \$1.90 postpaid. Not prepaid, 15 lbs. \$2.70, 100 lbs. \$17.00.**

HUNDREDFOLD. (60 days.) Vines 18 to 20 inches. Bears an enormous crop of handsome, intensely dark green fairly broad pointed pods 4½ inches long, containing 8 large dark green peas of excellent quality. Resistant to fusarian wilt. Extra fine for home and market gardens. **Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.15, 10 lbs. \$2.20 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

THOMAS LAXTON (60 days.) Vines 30 to 36 inches, medium dark green bearing attractive medium green plump, blunt pods 3½ inches long filled with 7 or 8 large tender peas of good quality. Popular variety for home and market gardens and shippers. **Pkt. 5c, ½ lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

■ **LAXTONS PROGRESS.** (61 days.) Vines 16 to 18 inches. The largest podded and most attractive of the Laxtonian types. Pods 4½ to 5 inches, are handsome dark green, broad, slightly curved and pointed, containing 7 to 9 large dark green peas of excellent quality. **Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.15, 10 lbs. \$2.20 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

LITTLE MARVEL. (62 days.) Vines 18 inches. Extensively used on account of its exceptional yields and quality. Pods 3 inches, dark green blunt, plump and well filled with 7 or 8 dark green, tender and sweet peas. **Pkt. 5c, ½ lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.25, 10 lbs. \$2.40 postpaid. Not prepaid, 15 lbs. \$3.45, 100 lbs. \$22.00.**



Laxton's Progress Peas.



Onward.

GRADUS (Improved). (62 days.) Vines 36 inches, medium green; pods 4 inches long, straight and pointed, contain 7 to 9 large sweet peas. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

LAXTONIAN. (63 days.) Vines 18 inches, dark green. Pods 4½ inches, dark green, pointed, slightly curved, contain 7 to 8 dark green peas of fine quality. Desirable for home garden use as well as for market. **Pkt. 5c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.15, 10 lbs. \$2.20 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

AMERICAN WONDER. (63 days.) Vines 12 inches, very productive. Pods 2½ inches, straight, blunt, well filled with 6 peas. Popular home garden sort. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

ONWARD. (65 days.) A very desirable variety of recent introduction. Vines 25 inches, medium dark green, very productive. Pods 4 inches, medium dark green, blunt, straight, attractive with 6 to 8 large tender peas of very fine quality. **Pkt. 5c, 1/2 lb. 25c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.15, 10 lbs. \$2.20 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

PREMIUM GEM. (65 days.) Vines 20 inches' very prolific. Pods 3 inches round, straight, blunt ended with 6 or 7 peas. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

ALDERMAN. (70 days.) Vines 40 inches, dark green. Pods 5½ inches, very broad, plump, dark green, straight, pointed with 8 to 10 peas of highest quality. Excellent for home and market gardens and a fine shipper. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

TELEPHONE. (72 days.) Vines 40 inches. Pods 4½ to 5 inches, light green, filled with 8 to 10 large peas of fine quality. Good for home and market gardens, also a good shipper. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

DWARF TELEPHONE (or DAISY). (73 days.) Vines 22 inches, light green, stocky and branching, very productive. Pods 4½ inches, slightly curved, broad pointed, attractive light green; contain 8 to 10 peas of excellent quality. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

POTLATCH. (78 days.) Vines 24 inches, deep green, extremely prolific. Magnificent dark green pods 4½ inches, often borne in pairs, contain 8 to 10 tender rich flavored peas. A superior late variety for home and market gardens. **Pkt. 5c, 1/2 lb. 20c, lb. 35c, 2 lbs. 60c, 5 lbs. \$1.05, 10 lbs. \$2.00 postpaid. Not prepaid, 15 lbs. \$2.85, 100 lbs. \$18.00.**

CHAMPION OF ENGLAND. (80 days.) Vines 40 inches, light green. Pods 3 inches, light green, blunt, straight, contain 7 to 8 peas of good quality. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 5 lbs. 95c, 10 lbs. \$1.80 postpaid. Not prepaid, 15 lbs. \$2.55, 100 lbs. \$16.00.**

DWARF GRAY SUGAR. (65 days.) Vines 26 inches. Pods broad and flat. Edible podded variety. **Pkt. 5c, 1/2 lb. 20c, lb. 30c, 2 lbs. 55c, 10 lbs. \$1.80 postpaid. Not prepaid, 15 lbs. \$2.55, 100 lbs. \$16.00.**

MAMMOTH LUSCIOUS SUGAR. (74 days.) Vines 54 inches. Largest and most productive of the edible podded varieties. Pods light green, broad 5 inches long, contains about 8 peas. Used in the same way as snap beans. **Pkt. 5c, 1/2 lb. 20c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.15, 10 lbs. \$2.20 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

MAMMOTH MELTING SUGAR. (76 days.) A standard edible podded variety. Vines 54 inches. Pods very broad, brittle and fleshy. Seeds white. **Pkt. 5c, 1/2 lb. 20c, lb. 40c, 2 lbs. 70c, 5 lbs. \$1.15, 10 lbs. \$2.20 postpaid. Not prepaid, 15 lbs. \$3.15, 100 lbs. \$20.00.**

Collection of Very Desirable Peas

EARLY BIRD
LAXTONS PROGRESS
ONWARD

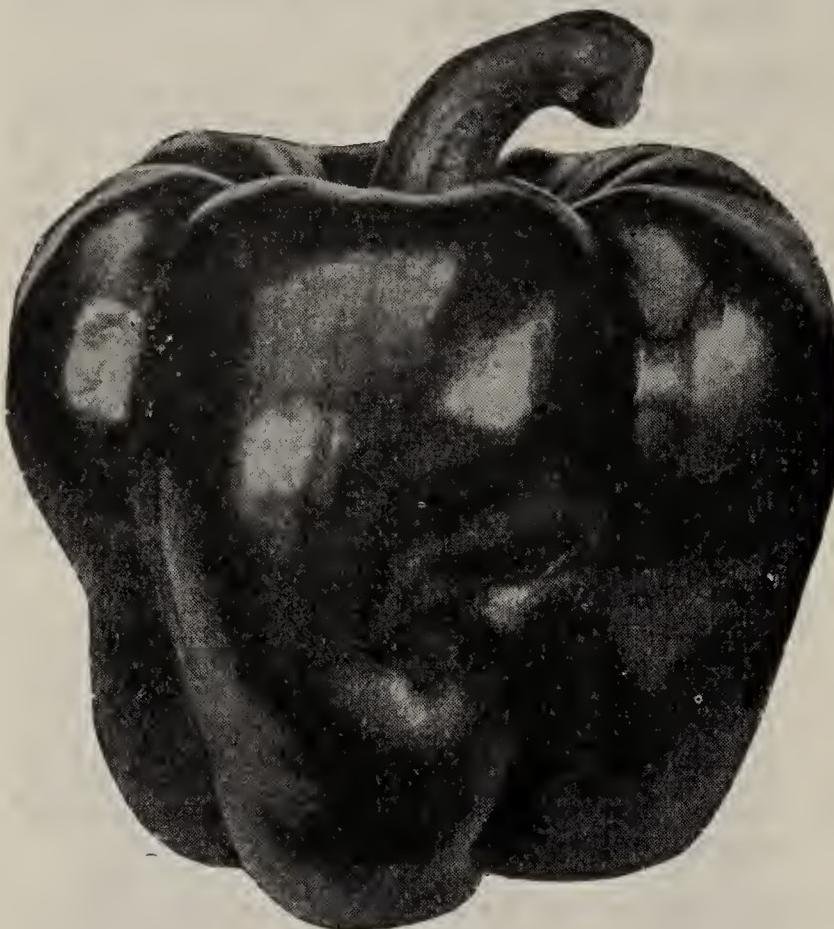
1/2 lb. each for 60c (Value 70c)
1 lb. each for \$1.00 (Value \$1.15)
2 lbs. each for \$1.75 (Value \$2.00)

All Postpaid

Pepper

One ounce will produce 1,000 to 1,500 plants. $\frac{1}{4}$ pound to the acre.

CULTURE—Sow the seed in hot-bed or window box about March 1st; transplant to the open ground when all danger of frost is past. Set plants in rows 3 feet apart, $1\frac{1}{2}$ feet in the row. An application of some rich fertilizer made when the plants are about 6 to 8 inches high will be very beneficial.



California Wonder.

■ **CALIFORNIA WONDER.** A very large mid-season variety, measuring $4\frac{1}{2}$ inches long by 4 inches in diameter; the flesh which is thicker than that of any other variety is firm, sweet and most agreeably mild flavor. Fruit is 4 lobed, very attractive deep green changing to bright crimson. Unequalled for stuffing or salads. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.50, lb. \$5.50.**

“HOLCO” PROLIFIC SWEET. The strong, vigorous plants grow about 20 inches high, are early and very prolific. Fruits are of attractive size and shape and color evenly to a beautiful scarlet. Especially valuable for market gardeners. **Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 40c, $\frac{1}{4}$ lb. \$1.35, lb. \$5.00.**

LETHERMAN'S ORANGE GEM. The fruit is a pleasing dark green turning to a beautiful waxy deep orange-yellow when mature. Flesh is thick, mild and sweet. Plants are vigorous and prolific. **Pkt. 15c, $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$3.25.**

OHIO CRIMSON (Giant Crimson). A large midseason variety similar to Chinese Giant but longer and more prolific; flesh thick, sweet and mild. Color bright crimson. Splendid for making mangoes. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.40, lb. \$5.00.**

CHINESE GIANT. One of the largest of the mild, sweet peppers. Plant is short and stocky; fruit is blocky, square ended, 4 to 5 inches in diameter and of equal length; flesh is thick and mild. Deep scarlet when mature. **Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.**

■ **HARRIS' EARLY GIANT.** Earliest of the large fruited sweet peppers and very prolific. Fruits are deep green turning to brilliant red when ripe; flesh thick, sweet and mild. A choice home garden sort especially where growing seasons are short. **Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.15, lb. \$4.00.**

WORLDBEATER. Plants vigorous, upright and very productive. Fruits 4 lobed, smooth, glossy green changing to bright red; flesh thick, mild and sweet, 5 inches long by $3\frac{1}{2}$ inches in diameter. **Pkt. 10c, $\frac{1}{2}$ oz. 18c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.**

RUBY KING. Plants medium dwarf, erect, very productive. Fruits tapering, dark green changing to ruby red at maturity. Flesh thick, mild and sweet. Excellent for home and market gardens, also for shipping. **Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.**

PIMENTO. Plants large, erect, prolific. Fruits heart shaped, very smooth, color glossy green, changing to ruby red. Flesh exceptionally thick, sweet and mild. **Pkt. 10c, $\frac{1}{2}$ oz. 18c, oz. 30c, $\frac{1}{4}$ lb. 85c, lb. \$3.00.**

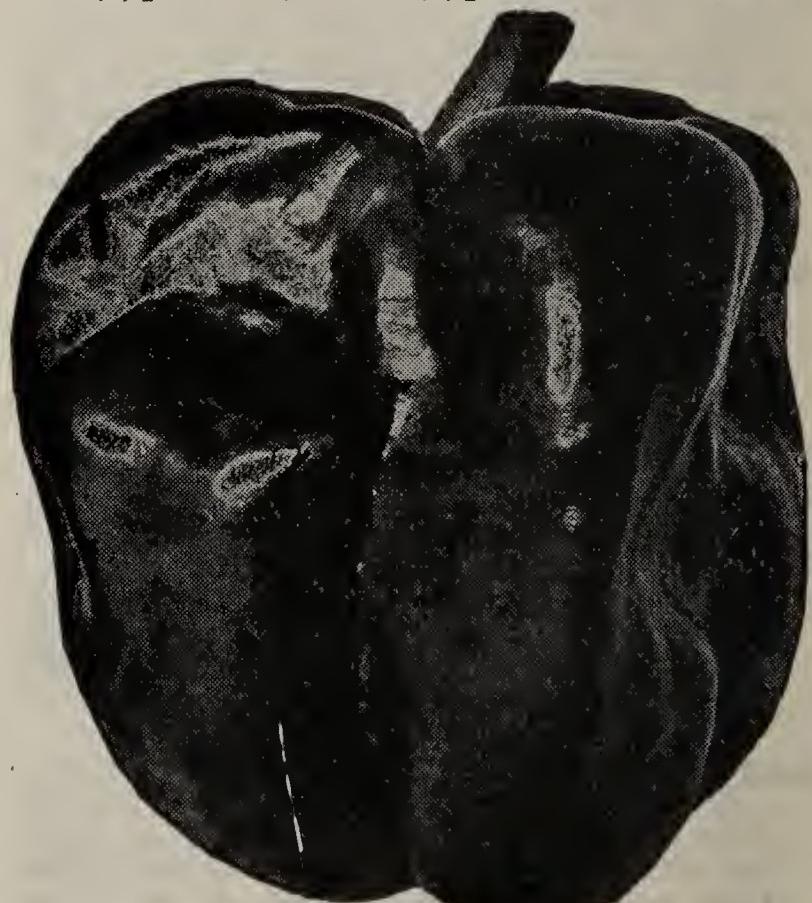
SUNNYBROOK. A heavy yielder, early and productive. Tomato shaped, fruits are thick and sweet; brilliant red when mature. **Pkt. 10c, $\frac{1}{2}$ oz. 18c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.25.**

LONG RED CAYENNE. A hot pepper 5 inches long. Fruits narrow, tapering, frequently twisted; deep green changing to bright red. **Pkt. 10c, $\frac{1}{2}$ oz. 18c, oz. 30c, $\frac{1}{4}$ lb. 90c.**

OSHKOSH. Smooth heart shaped, deep golden yellow when ripe, rich glossy green while growing, making it attractive to market as “green peppers.” Flesh thick and of a distinctive mild flavor. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.40.**

GOLDEN QUEEN. Resembles Ruby King in shape and size but color is attractive yellow when mature, changing from deep green. Flesh mild and sweet. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.40, lb. \$5.00.**

HUNGARIAN WAX. A very pungent or hot variety. Fruit 5 to 6 inches long, usually curved and twisted, tapering to a point. Waxy yellow at first changing to crimson at maturity. Generally used at the yellow stage of growth. **Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.**



Harris' Early Giant.

Pumpkin

Ounce for 200 feet of row. 3 to 4 pounds to the acre.

Pumpkins will grow almost anywhere, but thrive in rich soil. Many Pumpkins are exceptionally good for pies; other sorts are fit only for feeding live stock. Plant in hills 8 to 10 feet apart, using 8 to 10 seeds to a hill. Plant seed 1 inch deep. Later thin to 2 or 3 plants to a hill.



Small Sugar.

CONNECTICUT FIELD. Standard cornfield variety. Large round with flattened ends, smooth, hard rind, orange color. Flesh thick, dry and sweet, used for pies, canning and stock food. **Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1b. 75c.**

MIXED PUMPKIN. A mixture of field varieties and those used for making pies. **Pkt. 5c, oz. 10c, 1/4 lb. 25c, 1b. 75c.**

ORANGE WINTER LUXURY. An improvement on the old strain, having a beautiful deep orange color and richer colored flesh. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1b. \$1.25.**

WINTER LUXURY. An early, very prolific variety for home gardens and truckers. Fruits small, round, slightly flattened. Rind thin light orange and covered with netting. Flesh thick, firm and exceptionally sweet; fine for pies. **Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1b. \$1.00.**

GREEN STRIPED CUSHAW. Crook-necked. Rind creamy white with irregular green stripes. Flesh yellow and thick. Largely used for stock feed. Early and very prolific. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1b. \$1.25.**

MAMMOTH GOLDEN CUSHAW. Skin is golden yellow. Flesh yellow, dry and sweet. Very productive. Splendid for stock feed. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1b. \$1.25.**

JAPANESE PIE. Shape crooknecked. The skin is dark green, with lighter green markings. A very early popular sort. The neck being solid, it furnishes a large amount of food for stock or canning. Weighs 10 to 12 lbs. Fine for pies. **Pkt. 5c, oz. 15c, 1/4 lb. 35c, 1b. \$1.25.**

KING OF THE MAMMOTH or POT IRON. The largest of all Pumpkins. Valuable for stock feeding and exhibition purposes. Fruits are round with a trace of ribbing, light yellow, mottled with orange, sometimes slightly netted. Flesh solid, coarse but of good quality. **Pkt. 5c, oz. 20c, 1/4 lb. 55c, 1b. \$1.75.**

SMALL SUGAR. Small size, averaging about 10 inches in diameter, of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange-yellow, flesh very sweet and tender. One of the best for pies. **Pkt. 5c, oz. 10c, 1/4 lb. 30c, 1b. \$1.00.**

Order some of our **COLLECTIONS** and take advantage of the saving they offer. All are made up of choice varieties.

CUCUMBER COLLECTION

Wondergreen
Early Fortune
Chicago Pickle

1 Pkt. each for 15c Value 20c
1 oz. each for 25c Value 35c
Postpaid

THREE FINE TOMATOES

John Baer
Marglobe
Paramount

1 Pkt. each for 25c Value 30c
Postpaid

RADISH COLLECTION

Royal Red
Scarlet Globe
White Icicle

1 Pkt. each for 10c Value 15c
1 oz. each for 25c Value 30c
Postpaid



Protects Radishes, Onions and other root crops from the ravages of worms and maggots. Expels bugs and aphid from melon and other plants. Each pound makes from 2 to 10 lbs. of effective dust. **1 lb. 50c, 5 lbs. \$1.85, 10 lbs. \$3.25.**
Postage Extra.

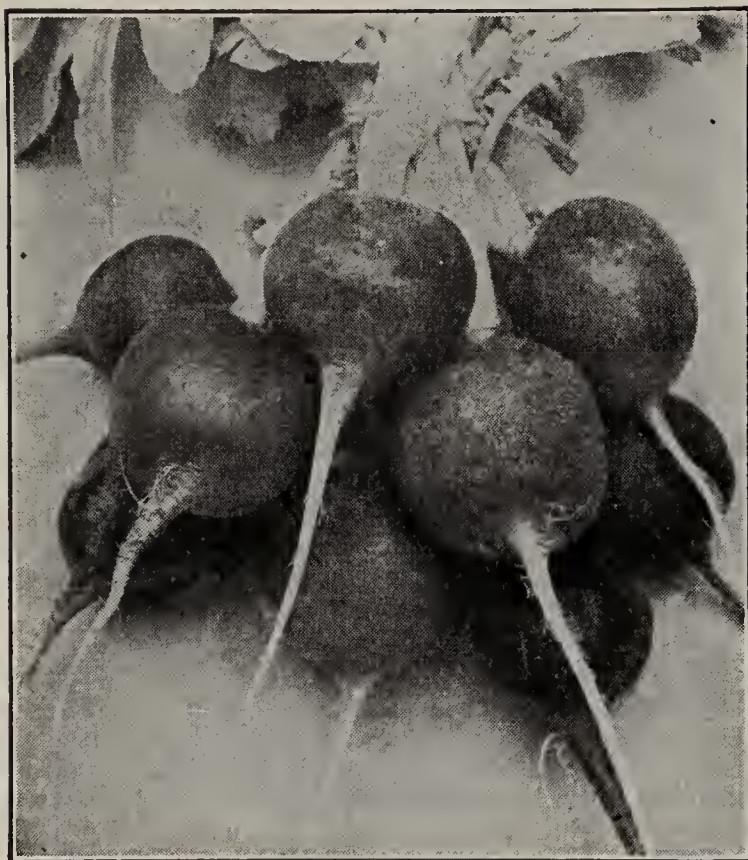
Mrs. Emma Thompson, Lima, O., writes: I just want to let you know about your seed. The Paramount Tomato is one of the finest ever grown, we had bushels and bushels to give away and there was so many green ones, enough to supply half of Lima, that's the way they yielded. The vines were just crowded, the grandest thing to look at. They can't be beat; finest tomato for slicing and grand to can; and my! the big ones, it was so good to have such nice tomatoes. All the other seed did fine too.

Radish

One ounce will sow 100 feet of row. 8 to 10 pounds to the acre.

CULTURE—Radishes must grow quickly to be good, especially the small sorts. The soil should be thoroughly prepared and be rich and light. Beginning as soon as frost is gone make plantings at 10 day intervals to insure a succession in rows 12 to 18 inches apart covering the seed about $\frac{1}{2}$ inch. Winter radishes should not be planted until August.

Our Radish Seed is grown from carefully selected transplanted roots.



Early Scarlet Globe Radish.

■ **ROYAL RED FORCING.** Is the result of years of breeding work. The roots are perfectly round, of brilliant scarlet color. Flesh is white, crisp and mild. Exceedingly early with very small tops. We believe this to be the **earliest** and **best** round forcing radish. Does equally as well for outdoor culture. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.**

■ **EARLY SCARLET GLOBE.** (**Extra fine selected strain**) for hotbed and greenhouse forcing and outdoor culture. Roots are globe-shape, slightly oblong, uniform in size, shape and attractive bright scarlet color; flesh white, crisp, tender and mild. Small top and fine tap root. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

CRIMSON GIANT. Our stock is true ball shape of a bright crimson color, very uniform. Grows twice the size of other round forcing varieties, and stands longer without becoming pithy. Of excellent quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

FRENCH BREAKFAST. Olive shaped about $1\frac{1}{2}$ inches long, deep scarlet with white tip, small top. Flesh white and crisp. Good for early market and home gardens, also suitable for forcing. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

SPARKLER. Roots uniformly round or globe shaped, of bright scarlet color, one third white at the bottom. Flesh white, crisp and tender. Very attractive. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

■ **WHITE ICICLE.** Finest and earliest long white variety, waxy white, brittle, mild and delicious flavor; retains its good qualities long after maturity. Tops are small making it a good forcing sort. Our strain especially recommended for growing on muck land. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

CINCINNATI MARKET. This is a long red radish, smooth and straight, about 6 to 7 inches long with short tops. Flesh white, crisp and tender. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75.**

CHARTIER IMPROVED. Excellent for the home garden. Roots 7 to 8 inches long, bright rose color, shading to white at the tip. Flesh white, crisp and fine grained. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75.**

LONG SCARLET SHORT TOP. Uniform slender roots 5 to 6 inches long, dark scarlet color. Flesh white and crisp. Has short tops. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75.**

WHITE STRASBURG. Roots about 5 inches long, $1\frac{1}{2}$ inches thick at the shoulder, tapering and smooth. Flesh white, crisp and slightly pungent. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

WHITE VIENNA or LADY FINGER. Roots about 6 inches long; flesh pure white, crisp and tender. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

WHITE CHINESE or CELESTIAL. Roots about 8 inches long, $2\frac{1}{2}$ to 3 inches thick, blunt at both ends. Flesh crisp, juicy and very mild in flavor. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 85c.**

CHINA ROSE. Large size, blunt at both ends. Skin deep rose. Flesh crisp, juicy and tender, slightly pungent. Excellent winter keeper. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 85c.**

ROUND BLACK SPANISH. Roots globe shaped, $3\frac{1}{2}$ to 4 inches in diameter; skin black; flesh white, firm and very pungent. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

LONG BLACK SPANISH. Roots 7 to 8 inches long, 2 to 3 inches thick at the shoulder. Skin black, flesh white, firm and very pungent. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

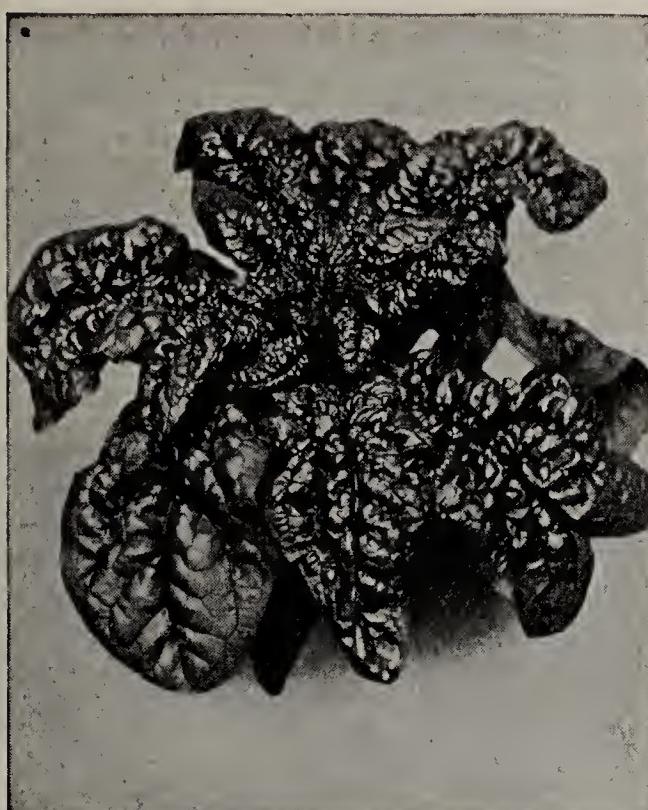


Royal Red Forcing Radish.

Spinach

One ounce for 100 feet of row. 15 to 20 pounds to the acre.

CULTURE—Spinach does best in the cool months and in rich moist soil. Make first sowing as soon as the soil can be prepared, repeat at 10 day intervals to May 15th for a succession. For fall use sow in September. Sow in rows about a foot apart, cover one inch and thin to stand 6 inches apart in the rows.



Letherman's New Imperial

■ **LETHERMAN'S NEW IMPERIAL.** Early and **Very Long Standing**. The leaves are of thick, heavy texture, very much curled and crumpled and very dark glossy green. It will stand longer before bolting to seed than other varieties. A very desirable sort for home and market gardens. **Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.**

RESELECTED BLOOMSDALE. A fine strain, early, from which most of the male plants (which are the first to bolt to seed) have been eliminated. Plant is of strong sturdy growth, the leaves dark green, large, thick and crumpled. **Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.**

■ **PRINCESS JULIANA.** Plants of dense compact growth, very dark green, well crumpled leaves. Slow to bolt to seed. A very fine variety for home gardens, market and canning. A very desirable midseason sort. **Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.**

KING OF DENMARK. Plant hardy, vigorous and rapid growth. Leaves large, crumpled and savoyed, firm and thick in texture, dark green color. Stands long and is heat resistant. Excellent for spring sowing. **Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.**



Nobel Spinach.

■ **NOBEL.** By far the best of the smooth leaved sorts. Produces a large mass of very thick rounded leaves of enormous size. Quick grower and stands long before bolting to seed. Succulent, crisp, tender and splendid flavor. Desirable for home, market and shipping. (**Award of Merit, 1932.**) **Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.**

NEW ZEALAND. Not a true spinach, and unlike spinach it thrives in hot weather, and in any soil, rich or poor. Plant is large and spreading with comparatively small, broad pointed leaves of excellent quality, which can be cut throughout the summer. Sow when soil becomes warm and soak the seed before sowing. **Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.**

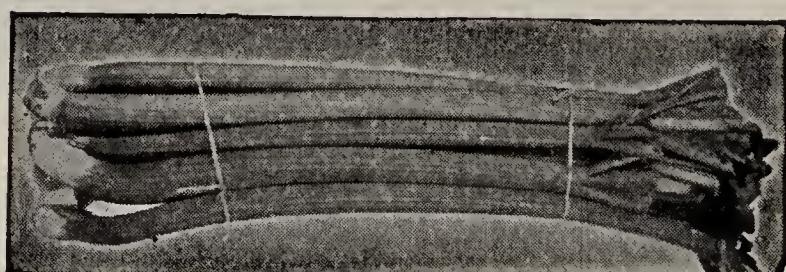
Rhubarb

One ounce will produce about 500 plants.

3½ pounds to the acre.

CULTURE—Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart; the second year after planting plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 3 to 4 feet apart each way at least 2 feet deep.

GIANT VICTORIA. Large, tender, the finest cooking sort. **Pkt. 5c, oz. 15c, ¼ lb. 45c, lb. \$1.50 postpaid.**



Giant Victoria Rhubarb.

Rhubarb Roots

Ready from October to May 15th.

20c each, 4 roots for 60c, 12 for \$1.50 postpaid. Not prepaid, 100 \$7.50. Write for prices on larger quantities.

Salisfy or Oyster Plant

One ounce will sow 75 feet of row.

8 pounds to the acre.

Treat about the same as carrot, except that Salsify is harder, may be left in the ground all winter. Sown in rows 1 to 1½ feet apart, and thin to 4 inches in the row. Cover seed about 1 inch. Sow in early spring.

MAMMOTH SANDWICH ISLAND. Large, strong growing, with long, smooth tapering roots of delicate flavor. **Pkt. 5c, oz. 20c, ¼ lb. 65c, lb. \$2.25.**

Squash

One ounce of summer and two ounces of winter for 25 hills. 3 to 4 pounds to the acre.

CULTURE—The soil should be very rich, a good sandy loam is best. Plant when soil has become warm and dry in hills 4 feet apart each way for bush or summer varieties and 8 feet for the vining or winter sorts. Cover the seed of summer varieties one inch, winter varieties $1\frac{1}{2}$ inches using 8 to 10 seeds to the hill, thin out to 3 or 4 of the strongest plants.



Giant Summer Straight Neck.

Summer Varieties

GIANT SUMMER CROOKNECK. Plants dwarf and bushy. Fruit about 14 inches long with crook neck and very heavily warted. Skin golden yellow; flesh thick and fine grained. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.**

GIANT SUMMER STRAIGHTNECK. Has all the good qualities of the Giant Crookneck with the decided improvement of a straight neck. Fruits measure 18 to 20 inches, deep orange yellow and heavily warted. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.**

EARLY WHITE BUSH or PATTY PAN. Very early. Fruits creamy-white, round, flat and scalloped. Highly flavored. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.**

FORDHOOK. Fruits oblong, creamy-white skin; flesh sweet and very thick. Very prolific. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.**

COCOZELLA or ITALIAN VEGETABLE MARROW. Very productive, of bush habit. Fruits long, cylindrical and are best for the table when 6 to 8 inches long. Skin dark green changing to stripes of green and yellow as it ripens. Flesh thick, greenish-white and fine flavor. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c, lb. \$1.25.**

Winter Varieties

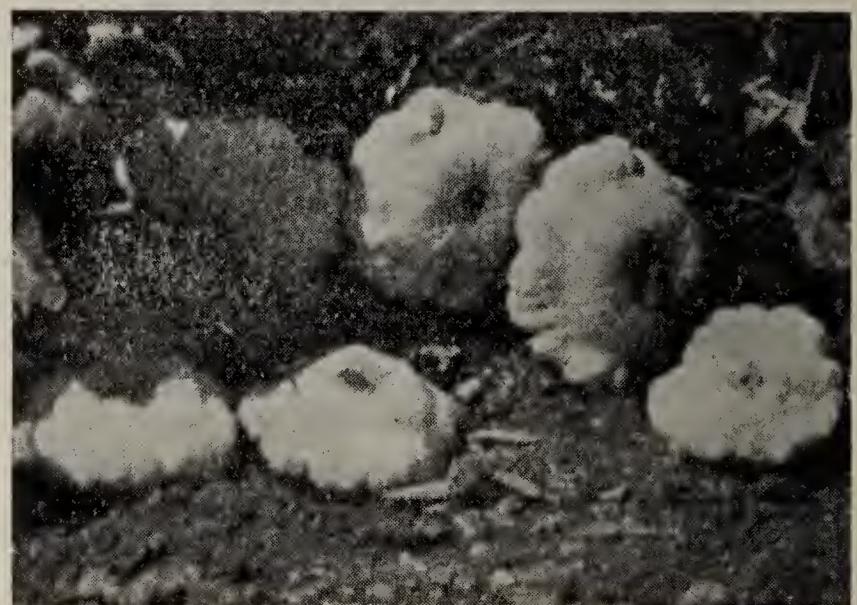
ACORN, TABLE QUEEN OR DES MOINES. Fruits about 6 to 8 inches long, 3 inches in diameter. Sides ridged. Skin deep green changing to orange when ripe. Flesh deep yellow, thick, dry and sweet. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.**

DELICIOUS. Top shaped with dark green skin. Flesh is thick, bright yellow and splendid quality; an excellent keeper. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.**

RED OR GOLDEN HUBBARD. A little smaller than Improved Hubbard but about 10 days earlier. Color orange-red, somewhat warted. Flesh deep orange, dry and sweet. Very prolific and good keeper. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, lb. \$1.50.**

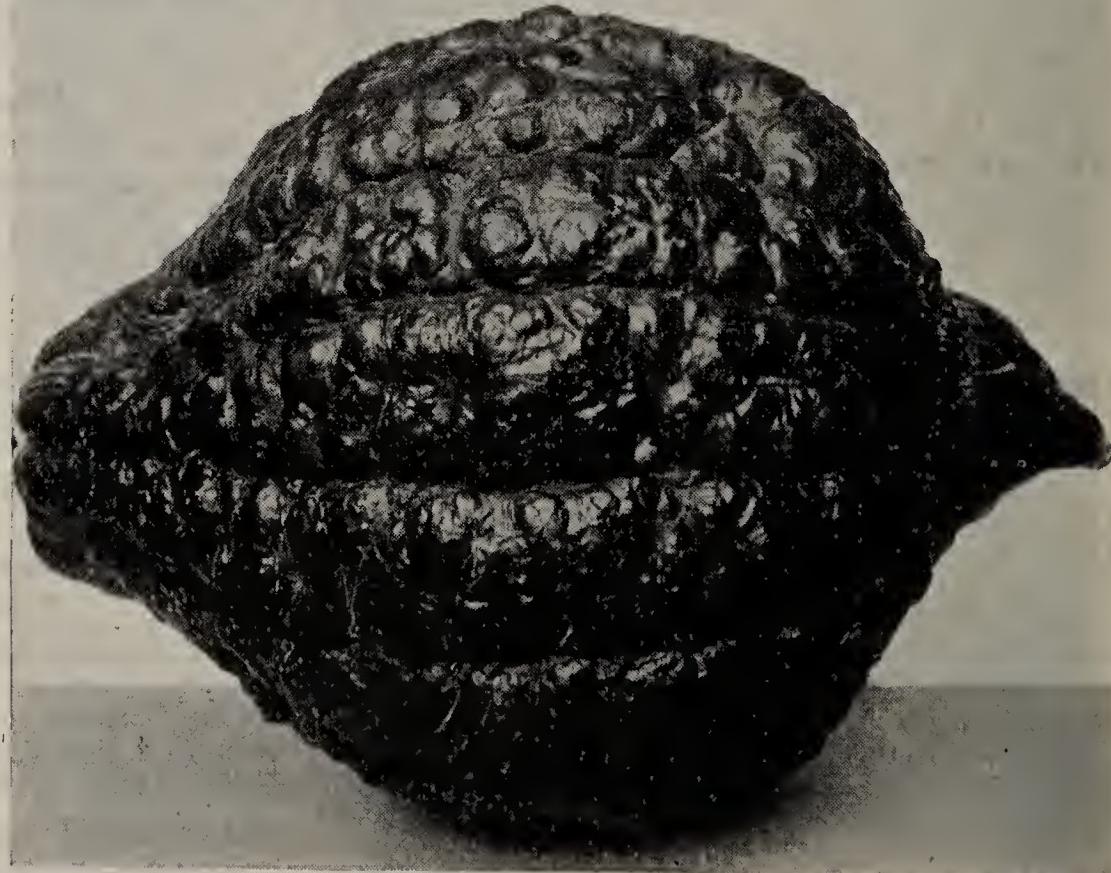
IMPROVED HUBBARD. Standard winter variety. Skin dark bronze green, moderately warted. Flesh bright orange yellow, dry, sweet and very thick. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.**

CHICAGO WARTED HUBBARD. Slightly larger than Improved Hubbard, thickly covered with warts. Very dark green. Flesh deep orange, dry and sweet. Prolific and a good keeper. **Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.75.**



Early White. Bush.

Mrs. A. Reibin Kamsack Saskatchewan writes: Having ordered from you in 1931 seeds that proved very satisfactory especially "Letherman's Orange Gem Pepper" I would be much obliged if you would forward your 1933 Seed Catalogue.

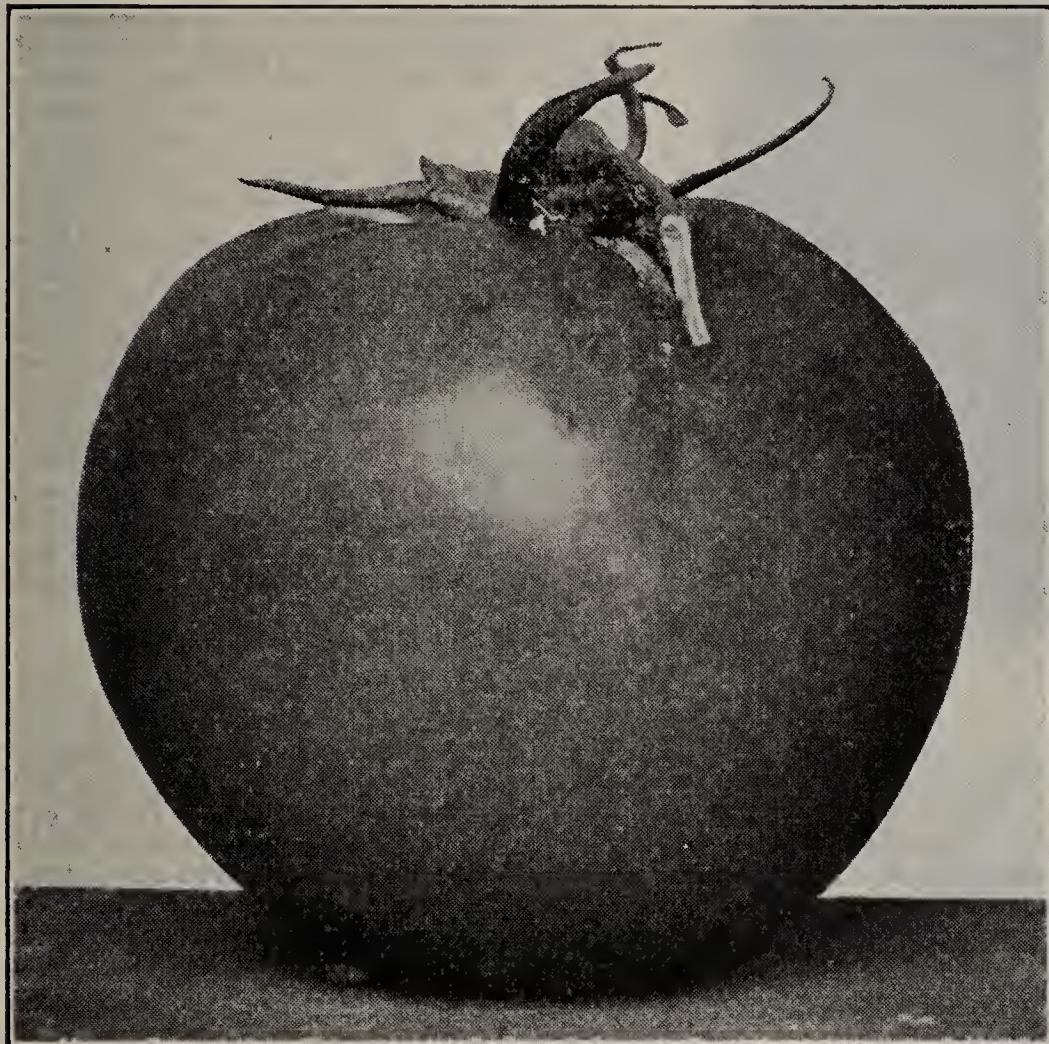


Chicago Warted Hubbard.

Tomato

One ounce will produce about 2,000 plants. 2 to 3 ounces to the acre.

CULTURE—Sow the seed in February or March in hotbed, greenhouse or in shallow boxes in the house. When plants are about 2 inches high transplant to flats 4 inches apart or in 3 inch pots. Expose to air on warm days to harden. Transplant to the open ground when all danger of frost is past 3 to 4 feet apart. Cultivate frequently as long as the vines will permit, the last few workings should be shallow. Tomatoes do best in rich well manured soil. Trained to stakes the fruits are of better quality and appearance and ripen earlier and more uniformly.



The Pritchard or Scarlet Topper.

Red Fruited Varieties

■ **THE PRITCHARD or SCARLET TOPPER.** Produced by the late Prof. Pritchard of the U. S. Dept. of Agriculture. Vines are exceedingly productive bearing in clusters of about 5. A cross of Marglobe and Coopers Special. Fruits are good size, smooth, solid with thick walls; globe shaped, a beautiful scarlet color. Outstanding variety for home and market garden use and long distance shipping. **Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, lb. \$4.50.**

EARLIANA. One of the earliest scarlet fruited varieties. Medium size, somewhat flattened shape. Vine open and spreading. **Pkt. 10c, 1/2 oz. 18c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.50.**

AVON EARLY. Very early. Fruits medium size set in clusters of 6 to 8, smooth and flattened. Color scarlet. **Pkt. 10c, oz. 35c, 1/4 lb. 90c, lb. \$3.25.**

■ **BREAK O'DAY EXTRA EARLY.** Developed by the late Dr. Pritchard of the U. S. Dept. of Agriculture. A cross of Marglobe with Marvana both disease resisting varieties. 10 to 12 days earlier than Marglobe and very productive. Fruits are large, meaty and globe shaped, of a handsome brilliant red color. **Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.10, lb. \$4.00.**

THE BURBANK. A very early variety developed by the late Luther Burbank. Plant small and spreading, quite productive. Fruit bright scarlet, thick, solid, smooth, medium size. **Pkt. 10c, oz. 40c, 1/4 lb. \$1.30.**

■ **JOHN BAER.** An extra early variety of exceptional merit. Perfect high crowned fruit produced in clusters, ripens evenly up to the stem; brilliant red color. Deliciously mild and sweet, solid, few seeds and no core. Good shipper and canner. Ideal for home and market garden. **Pkt. 10c, 1/2 oz. 18c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.50.**

BONNY BEST. A second early red variety. The best red for greenhouse culture. Fruits medium size, smooth, round and high crowned, setting in clusters of 4 to 6. **Pkt. 10c, 1/2 oz. 18c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.50.**

SPECIAL COLLECTION

3 Splendid Varieties

Will give you Tomatoes over a long period for Home, Market and Canning

THE PRITCHARD

JOHN BAER

LEATHERMAN'S PARAMOUNT

One Packet each for 25c, Value 30c

Half Ounce each for 50c, Value 63c

One Ounce each for 80c, Value \$1.05

All Postpaid



Break O'Day Extra Early.



Letherman's Paramount.

LETHERMAN'S GARLAND. An early heavy yielding sort. Fruits are solid, almost round, of a brilliant red color and good size which it holds to the last picking. Delightful sweet mild flavor. A splendid variety for home and market garden. **Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.10; lb. \$4.00.**

"HOLCO" EVERBEARING. Vines vigorous and productive, early and bear over a long period. Fruits deep scarlet color, uniform size, smooth and do not crack; of good quality. **Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.10, lb. \$4.00.**

CHALK'S JEWEL. A second early desirable variety for home and market. Prolific bearer. Fruits scarlet in color, medium large, smooth, firm, solid, fine sweet flavor. **Pkt. 10c, 1/2 oz. 18c, oz. 30c, 1/4 lb. 85c, lb. \$3.00.**

MARGLOBE. Very popular main crop variety for shipping, canning and home garden. Plants of medium heavy growth, productive and resistant to Nail Head Rust and Fusarium Wilt. Fruit is of superior quality, good size, globe shape, smooth, solid with thick walls; beautiful red color ripening well up to the stem. Introduced by Prof. Pritchard. **Pkt. 10c, 1/2 oz. 18c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.50.**

LETHERMAN'S CANTON. A desirable main crop, red variety developed by Mr. W. E. Vail, of Yorktown Heights, N. Y. Vines are blight resistant and heavy yielders. Fruits large, smooth, solid and meaty. **Pkt. 10c, oz. 35c, 1/4 lb. \$1.10.**

STONE. A medium to large size main crop red tomato somewhat flattened. Popular with canners and market gardeners. **Pkt. 5c, oz. 25c, 1/4 lb. 75c, lb. \$2.50.**

BEEFSTEAK. Popular home garden main crop scarlet variety. Fruits very large, flattened and fairly smooth. **Pkt. 10c, 1/2 oz. 25c, oz. 45c, 1/4 lb. \$1.50.**

LETHERMAN'S PARAMOUNT. The fruit is borne in clusters well to the center of the plant which is of strong, sturdy growth and very prolific, bearing throughout the season and holding the size of the fruit to the last picking; it has produced 15 to 20 tons to the acre of perfect fruit. It is large, smooth, solid with thick walls, few seeds and no core, nearly globe shape with very slight indentation at stem and none at the blossom end. Brilliant red color, ripens evenly up to the stem. It is ideal for canning, its pulp is of rich heavy texture and of attractive color. Its keeping quality after being picked is exceptionally good making it a splendid shipping sort and for home and market garden use it has no superior; it is just the right size for slicing. Considering all its good qualities **Letherman's Paramount** is better than any other second early or main crop Tomato now in use. **Pkt. 10c, 1/2 oz. 20c, oz. 35c, 1/4 lb. \$1.10, lb. \$4.00.**

Pink Fruited Varieties

MARHIO. Developed by Ohio Agri. Expt. Sta. from Marglobe which it resembles except the fruit is deeper from stem to blossom end and the color is pink, it is also very early. Walls are thick, meaty and well colored; seed pockets small with few seeds. Fruits set in clusters of 5 to 7 which grow to large size and are very heavy, making it most desirable for **Greenhouse** culture. Also splendid for growing outdoors. **Pkt. 10c, 1/2 oz. 25c, oz. 40c, 1/4 lb. \$1.25, lb. \$4.50.**



Marhio

JUNE PINK. One of the earliest pink fruited varieties. Fruits medium size, somewhat flattened, sometimes called Pink Earliana. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.**

LIVINGSTON'S GLOBE. Purplish pink, globe shaped, medium size, very productive. Smooth, firm fleshed with few seeds. Extensively used for forcing under glass. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.**

EARLY DETROIT. A prolific, midseason variety, nearly globe shaped, medium large, quite smooth and solid. **Pkt. 10c, $\frac{1}{2}$ oz. 20c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.**

BEAUTY. Main crop pink fruited. Medium size, slightly flattened, smooth, solid, good quality. **Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.**

MONTEREY. Most widely used of the large pink fruited varieties for home gardens. Fruits very large, solid with few seeds and of inviting mild flavor. **Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.**

OXHEART. Extremely large heart shaped fruits, very solid and meaty with very few seeds, of appealingly mild flavor. A very desirable variety for the home garden. **Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.75.**

DWARF CHAMPION or TREE TOMATO.

Vines are of stiff, upright growth. Fruits are round and smooth. **Pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.**

GOLDEN QUEEN. Bright yellow. Smooth, ripens medium early; quality excellent. **Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.**

YELLOW PONDEROSA. Equals the Ponderosa in size but bears rich golden yellow fruits. **Pkt. 10c, $\frac{1}{2}$ oz. 30c, oz. 0c, $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.**

Small-Fruited or Preserving Varieties

Yellow Peach
Yellow Plum

Red Plum
Yellow Pear

Red Pear
Mixed Sorts

STRAWBERRY OR HUSK TOMATO (Ground Cherry)

Each pkt. 10c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.25.

Turnips

Sow early sorts in April, in rows 18 to 20 inches apart. Cover seed $\frac{1}{2}$ inch and thin out 4 to 6 inches. Cultivate frequently. For succession sow at intervals until the last week in May. For fall and winter crop, sow in July or August, in drills or broadcast. One ounce to 200 feet of row; one pound to the acre in drills; two pounds broadcast.

PURPLE-TOP WHITE GLOBE. A large rapid-growing sort, with globe-shaped roots. Flesh pure white, and the best flavored; the skin is white, with a purple top. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. 85c.**

PURPLE-TOP STRAP LEAF. Roots are flat; white below, with a bright purple top; flesh white, leaves short. Will mature in 8 or 9 weeks. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

COW HORN. A long white Turnip. Grows to a large size, standing half out of the ground. Is recommended for green manuring purposes. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, lb. 50c.**

EARLY WHITE MILAN. Earliest of all. Roots flattened, tops small. The flesh clear white, mild, sweet and tender. Very desirable for forcing. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.**

EARLY PURPLE-TOP MILAN. Similar to Early White Milan, roots are flat and an attractive purple-red on the upper portion. Well adapted for forcing. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00.**

WHITE EGG. An early, egg-shaped sort. The flesh is clear white, firm, fine grained and sweet. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**

LARGE AMBER GLOBE. One of the best yellow-fleshed sorts. The skin is clear yellow, flesh creamy yellow; fine grained and sweet. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 75c.**



Purple Top White Globe Turnip.

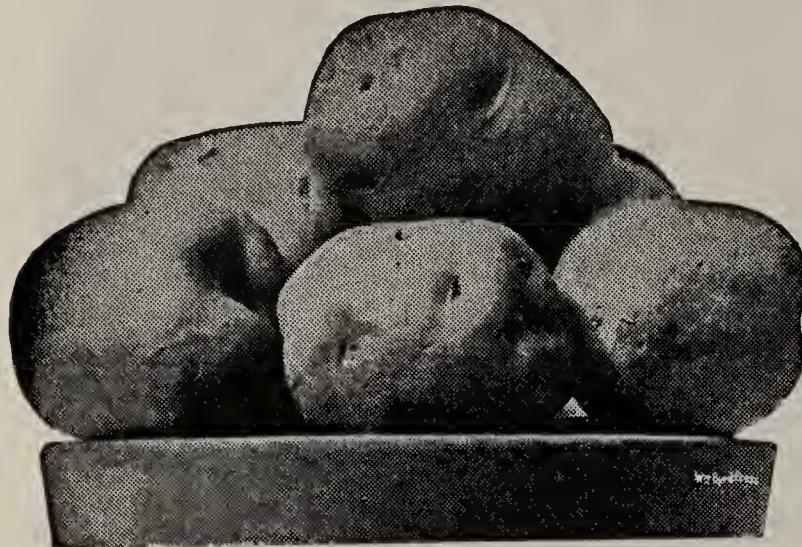
Ruta-Bagas or Swede

AMERICAN PURPLE-TOP YELLOW. The finest, most profitable of all the Swedes, being the hardiest, heaviest, best shaped and most productive. The roots are better keepers than other sorts. The flesh is of a rich yellow. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, lb. 60c.**

Main Grown Seed Potatoes

WRITE FOR OUR PRICE LIST

All varieties except the Russet and Jersey Red are grown in the State of Maine from selected seed, under state inspection, in the counties that are said to be the largest producing counties in the country. Seed produced in this climate has bred in it the protection that Nature provides where the growing season is short, crowding into it all the vitality needed to withstand the rigors of the climate. This seed therefore when planted in more moderate sections will produce sturdy, vigorous plants, and earlier and larger yields. It is good business practice for the potato grower to dispose of his entire crop and plant only new Northern Grown Seed.



Irish Cobbler.

IRISH COBBLER. A fine early variety, producing large handsome tubers of uniform size and shape. A little later than Early Ohio but a heavier yielder. The tubers are nearly round in shape with strong, well-developed eyes. The flesh is white, cooks dry and mealy and of excellent quality; a very good keeper.

SPALDING No. 4 ROSE. This variety was bred out of the old popular Early Rose, but is a much better Potato in every way, it is shorter, thicker and larger. Cook very dry and mealy and a good keeper. A great yielder of tubers that will average large with very few small ones.

IMPROVED EARLY OHIO. The favorite Potato used for early planting. They are rounded oblong in shape, of good size and uniform. The skin is light pink. Flesh is pure white, cooks dry and mealy, of fine flavor, a good keeper. Vines are hardy, grow upright and the tubers set in a compact clump.

EARLY ROSE. This variety has been a great favorite for many years. Potatoes are oblong in shape, good size, light pink in color, with a thin skin. They cook mealy and are of the finest flavor.

EUREKA EXTRA EARLY. An extremely early and quick maturing variety. A heavy cropper of big White Potatoes. The plant is dwarf and compact and very resistant to blight. Tubers are round, white, and of unsurpassed quality.

EARLY SIX WEEKS. Another very early and fine quality Potato, for those wanting a strain for early home and market use. The tubers are medium to large in size, oval shape, reddish color with shallow eyes.

JERSEY RED. This is a medium late or main crop Potato similar in shape to the well known Early Rose with numerous shallow eyes. The skin is red, and thin. Flesh is snowy white. A heavy yielder, a good keeper and cooks dry and mealy. Of unusually fine quality. A profitable sort for the market gardener and a most desirable one for the home garden.

RURAL NEW YORKER. The standard late and main crop Potato for all sections. Always a reliable variety for the main crop and a heavy yielder. Tubers are round and oval in size, skin white. One of the best and longest keepers.

CARMAN No. 3. A round white Potato of the Rural type and closely resembling it in yield and quality. The Carman is a heavy yielder and good table Potato.

Michigan Russets

Genuine Certified Stock

This Potato has become the standard late variety for commercial and home use. Vines of vigorous upright branching habit with dark green foliage. Tubers rounded, oblong in shape, of good uniform size. Eyes very shallow and few. Skin finely russet, netted, which allows rough handling without damage and prevents shrivelling from evaporation, thus making it an exceptionally good keeper. It outyields all other late varieties; 300 bushel yields to the acre are common and often 400 bushels when grown under favorable conditions. Eating quality equal to the best. It will do well in clay, and clay loam soils. Our stock is choice medium size Michigan grown from Pure Inspected Certified Seed, free of scab or disease.

We always have Michigan U. S. No. 1's for table use at market prices.

Seed Sweet Potatoes

We can supply you from our grower in the great Sweet Potato belt the choicest and best of seed.

NANCY HALL, SOUTHERN YAMS, and BIG STEM JERSEY.

Sweet Potato Plants

Ready about May 1st.

100 for \$1.00, 1,000 for \$6.00, postpaid. Prices quoted on larger quantities.

New Improved Semesan Bel

A dip disinfectant for Seed Potatoes.

For Seed White and Sweet Potatoes controls such seed-borne disease organisms as scab, blight and black-leg.

PRICES

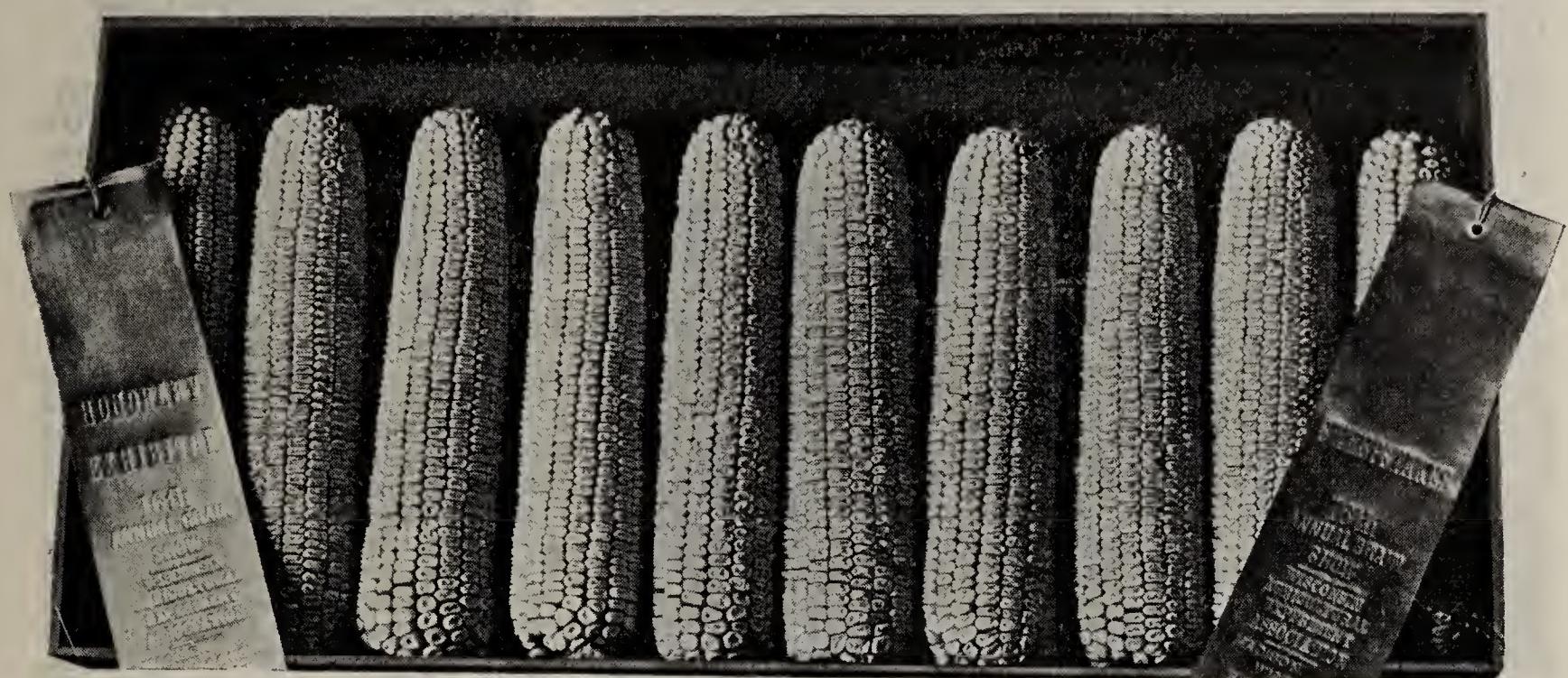
4 oz. 50c; 1 lb. \$1.75; 5 lbs. \$8.00; 25 lbs. \$31.25; 100 lbs. \$120.00; 300 lbs. \$345.00.

Cannot be sent by mail, but may be packed with your Potatoes to be shipped by Freight or Express.

Letherman's Tested Ensilage Corn

Because of the importance of this crop we have spared neither labor or expense to have our stocks of the highest quality. The varieties we offer have been selected for their adaptability and merit. Our stocks are all hand selected, tipped and butted before shelling and are of the highest germination.

Write for our Price List.



Letherman's "Big Golden" Ensilage Corn.

LEATHERMAN'S BIG GOLDEN. Decidedly the best Corn to grow for Ensilage; stalks grow 12 to 15 feet with thick heavy foliage, produces ears 10 to 12 inches long with 18 rows of fine deep broad kernels of rich golden yellow. Big Golden will give better returns on poor or light soils than any other kind and equals in tonnage any of the Southern white varieties. It has proven all we claim for it by actual results obtained by our friends who have planted it.

LANCASTER COUNTY SURE CROP. One of the best general purpose varieties, it has proved its adaptability in every Corn growing section. Grows tall and leafy, ears are long, cob thin with uniform deep kernels of deep reddish yellow; husks easily. Withstands drought and develops ears well to the north; A heavy yielder, matures in 100 to 105 days. Thrives on thin soil and will produce a crop in poor growing seasons. Equally valuable for ensilage or husking.

Ohio Grown Seed Corn

BERGER'S EARLY ORANGE DENT. This Corn was originated in northern Ohio, therefore, making it one of the earliest Yellow Dent Field Corns in cultivation. In a normal season this Corn should mature in 90 days. Grows strong, hardy fodder, 7 to 10 feet high. Ears contain 14 to 18 rows of good long grains, on red cob. Its beautiful deep Orange color on the ear and shelled has a strong appeal, while its earliness and size make it one of the most profitable varieties to grow.

MEDINA PRIDE. An early maturing Yellow Dent Corn. The Ohio Experiment Station Bulletin recommends this variety for practically the whole tier of the eastern counties of Ohio and especially the northeastern part of the State where high yields of sound Corn have been consistently made. The ears average from 10 to 12 inches in length slightly tapering, with twelve rows of good size kernels. We recommend this Corn without hesitation as a very desirable early variety well worth a trial.

"HOLCO" ENSILAGE OR BLUE RIDGE.

Originated in the Blue Ridge Mountains of Virginia, grown in this high altitude it is earlier than other Southern grown varieties. Grows 14 to 16 feet high and makes heavy thick fodder. Ears are long with deep broad kernels. A vigorous growing prolific variety.

OLD VIRGINIA ENSILAGE. A popular and satisfactory variety. Grows to a large size, is very leafy. Ears large with broad deep kernels.

EUREKA ENSILAGE. Vigorous, grower with large stalks and exceptionally heavy foliage, attains a height of 16 to 18 feet. Ears average about 11 inches long with broad deep kernels; very productive.

SWEET FODDER CORN. Best for cutting and feeding green during summer. Very sweet and nutritious. Use 1½ bushels to the acre.

WHITE CAP YELLOW DENT.

This is a popular early variety, and one of the most satisfactory sorts to raise. Succeeds on almost any kind of soil and is a heavy yielder. Ears are about 9 inches long and deep grained. Matures in 85 to 95 days.

OHIO IMPROVED CLARAGE. This Corn originated in Ohio and has scored a wonderful success with farmers here. It is medium early, maturing in about 100 days. The stalks are of medium size, ears from 7 to 9 inches long, grains wide and very deep on a small cob, which accounts for its immense yields of shelled Corn to the acre, several years ago the world's record was broken with this Corn by an Ohio farmer. The color is a beautiful golden yellow, and the ears are filled to the very tip. Even when the season is late, IMPROVED CLARAGE matures perfectly. The seed we offer is grown from registered seed in the north-central part of Ohio, is carefully selected, and true to type.

Northern Grown Farm Seeds

Quality being our first consideration our Farm Seed stocks have been carefully selected from the best the market affords, they are refined to the highest purity and are of the highest germination. As the market fluctuates we will be glad to quote prices on request.



Field of Soy Beans and Inoculated Plant showing Large Nodules on the Roots.

McQueen's Inoculator

NATURE'S OWN FERTILIZER
Simply mix the INOCULATOR with the seed, either with or without water. As plants grow, nodules form on the roots and fill with Nitrogen, which becomes valuable plant food.

NEW LOWER PRICES

For Alfalfa and all types of Clover, including Bur and Hubam.

½ bu. size (for 30 lbs. seed) . . .	\$.35
1 bu. size (for 60 lbs. seed) . . .	.50
2½ bu. size (for 150 lbs. seed) . . .	1.00
5 bu. size (for 300 lbs. seed) . . .	1.50

For: Soybeans; Vetch; Peas; Austrian Peas; Cow Peas; Beans; 1 bu. size (for 60 lbs. seed) . . . \$.35

2 bu. size (for 120 lbs. seed)50
5 bu. size (for 300 lbs. seed) . . .	1.00

10 bu. size (for 600 lbs. seed) . . .	1.50
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GARDEN PACKET (For Peas, Beans, Limas, Sweet Peas) . . . 15c

ALWAYS STATE KIND OF SEED YOU WISH TO INOCULATE.

Legume Crops

Inoculate with McQueen's Inoculator.

Alfalfa

Sow 10 to 15 lbs. to the acre.

Grimm Blackfoot Idaho Certified.

Grimm-Idaho.

Northwestern Fancy.

Montana.

Canadian Variagated.

Clovers

Red. (Medium.) Sow 8 to 12 lbs. to the acre.

Mammoth or Sapling. 8 to 12 lbs. to the acre.

Alsike. Sow 4 to 6 lbs. to the acre.

Sweet. White Blossom. 10 to 12 lbs. to the acre.

White Dutch. 2 to 4 lbs. to the acre.

Soy Beans

In drills 45 lbs.—Solid 90 to 100 lbs. to acre.

Manchu. Most popular early, about 110 days.

Wilson. For Hay and Ensilage, about 120 days.

Virginia. For Hay and Ensilage. 125 days.

Canada Field Peas

Alone, 120 to 150 lbs. to acre—with Oats, 75 to 90 lbs.

Sown with Oats make splendid Hay.

Vetch

Winter or Hairy. 15 to 20 lbs. with bushel of small grain.

Spring. 80 lbs. with bushel of small grain.

Forage and Other Crops

Dwarf Essex Rape. In drills 4 to 5 lbs. broadcast 5 to 8.

Millet-German. 50 lbs. to the acre.

Millet-Hungarian. 48 lbs. to the acre.

Sudan Grass. Drills 10 to 15 lbs. broadcast 20 to 30.

Sorghum. Drills 10 to 15 lbs., broadcast 40 to 50.

Grain Crops

Treat with Dubay Disinfectant "Ceresan"

Barley

2 bus. to the acre.

Oderbrucker. 6 row heavy yielding variety.

Velvet. 6 row Smooth-awned variety.

Wisconsin Pedigree. Heavy yielding with stiff straw.

Oats

60 to 80 lbs. to acre.

New Victory. Branching or Tree Oat.

Miami. Branching type, heavy yielder.

Wayne. Medium Early, developed by Ohio Agri. Expt. Sta.

Rye

1½ to 2 bushels to acre.

Rosen. Winter. Hardy heavy yielding.

Buckwheat

Japanese. 50 to 60 lbs. to the acre.

Broom Corn

8 to 10 lbs. to acre in drills.

Evergreen. Improved. Best variety for brooms.

Flax

Excellent tonic for Stock. 1 bushel to acre.

Grasses and Mixtures

Timothy. 8 to 10 lbs. to the acre.

Timothy and Alsike. 6 lbs. Timothy—3 lbs. Alsike.

Timothy and Red Clover. 6 lbs. Timothy. 4 to 6 lbs. Clover.

Kentucky Blue Grass. 20 to 30 lbs. to acre.

Orchard Grass. 1 to 1½ bushels to acre.

Rye Grasses. 2 to 2½ bushels to acre.

Red Top. 6 to 8 lbs. to the acre.



New Improved Ceresan
for Wheat, Oats, Barley,
etc. 1-lb. 75c. 5-lb. \$3.00
Cannot be mailed.

FLOWERS

Growing them from Seed, interesting and fascinating

The common cause of failure in growing flowers is the lack of knowledge of how to grow the seedlings and care for them. Covering the seed too deep is the most frequent cause; a safe rule is to cover the seed twice its diameter with fine sifted soil. Very fine seed should be sown on the surface and pressed into close contact with the soil with a smooth board or brick.

Best results are obtained by the use of a shallow box or flat 4 inches deep. Cover the bottom with about an inch of cinders, gravel or other rough material to provide drainage, fill to within $\frac{1}{2}$ inch of the top with good light soil that will not bake or form a crust. Below we give cultural directions for growing every kind of flower we list; each culture is numbered and at the heading of each variety will be found the number of the culture to use, together with certain key letters indicating the Annuals, Biennials Perennials, House Plants and those suitable for Rock Gardens.

KEY TO SYMBOLS

- | | |
|---------------------------------------|--|
| A. Annuals. Live one season | P. Perennials. Live several seasons |
| B. Biennials. Live two seasons | H. House Plants |
| R. Rock Garden Plants | —Annual and Perennial |

We trust with these helps together with the other valuable information, such as height, time of blooming range of colors, and suitable locations which are given for each subject your successful efforts in growing flowers will prove a source of great pleasure and add to the beauty and attractiveness of the home and its surroundings.

Cultural Directions for Growing Flowers

Culture No. 1. Sow from April until June in the open land. Thin out the seedlings where too thick. In heavy land it is advisable to sow either in flats or hotbed and then plant out in permanent location.

Culture No. 2. Sow in February or March in flats or hotbed. During germinating period medium temperature and moderate watering should be maintained. As soon as the seedlings can be handled, prick off and later set out in permanent location.

Culture No. 3. Sow from March until May in flats or hotbed. Give plenty of water and when the seedlings can be handled put out in permanent location. Seed can also be sown in April or May in the open land and thinned out where too heavy.

Culture No. 4. Sow from March on, in a hotbed, pots or flats in a mixture of good loam with some sand and compost added. Careful ventilation must be given in order that the seedlings become well hardened off. The planting in the open may be made the first of May.

Culture No. 5. Sow from February until April in pots or flats in a light soil mixture and hold in a moderate temperature, lightly covered. The seedlings should be pricked off and replanted in May or June in pots or permanent outside position.

Culture No. 6. Sow from February to April in flats or hotbed watering but moderately. Germination usually takes from three to four weeks. Seedlings should be pricked off and planted out in May or June.

Culture No. 8. Sow in pots or flats from February until April, in a mixture of compost, sod and sand of equal parts. Considerable bottom heat should be given. The seed should be pressed in lightly and then covered with a newspaper. As soon as possible prick off the seedlings into flats. Harden off slowly and plant in the open after the middle of May.

Culture No. 10. The best time for sowing is from February to April in hotbed, pots or flats, using a good rich, moderately heavy soil with which considerable sand has been mixed. Sow the seed thin and press down lightly. Water thoroughly with

a fine spray and cover the seed with newspaper. Give moderate bottom heat until the seedlings appear. Shade the seedlings lightly and water again. Watering should be done from now on only when the seedlings become quite dry, otherwise they will damp off. Transplanting into the open can take place from April on. For pot culture, put 6 to 8 plants in a pot. It has been noted that the strong growing seedlings are usually single, the weaker growers producing the double blooms.

Culture No. 12. Sow from June to September in hotbed or flats. The seed should be well watered and shaded and great care must be taken that the surface does not dry, otherwise the germination will be greatly effected. Prick off and plant out in September or October in the open land.

Culture No. 13. Sow in flats from April until July. At first keep well watered and shaded. When the seedlings are large enough to be handled plant out from August to October in their permanent location.

Culture No. 14. Sow in July or August in flats or pots. Leave outside until the soil has been thoroughly frozen and then bring into a warm house. Prick off and later plant in the open. Many hard coated seeds will not germinate before the following spring.

Culture No. 15. Sow in the Fall in flats or cold frame. Water carefully and keep beds shaded. Germination will take place usually the following spring. When sufficiently strong the seedlings should be set out in the open.

Culture No. 16. Sow from March to October in cold frame or flats, watering but moderately. The germination is very slow and often takes from 4 to 6 months. When sufficiently large the seedlings can be planted in the open ground. In many cases moss will appear on the surface of the beds. This should not be removed but a thin layer of soil evenly distributed over it.

Culture No. 17. Sow from January to July in pots or flats in a mixture of compost, loam and sand. The seed should be well watered and kept in a very warm temperature. As soon as the seedlings can be handled they should be pricked off into a similar soil mixture and later potted up or set out.

Culture No. 18. Sow from January until March in flats in a mixture of well pulverized sod and sand. The seed should not be covered but pressed into the soil, moderately watered and kept in a warm temperature. Prick off seedlings and later plant in pots or in the open ground.

Culture No. 20. Sow in July or August in flats in a sandy loam and keep well shaded. The seedlings should be pricked off in September or October singly in small pots and allowed to stay outside until frost. In winter bring into bloom in a cold house.

Culture No. 21. Sow either in August or from December to February in pots or flats in well rotted sod or leaf mold keeping in a moderate temperature and well watered. Prick off the seedlings and later pot up singly. Shift into larger pots and winter over in a cold house.

Culture No. 23. Sow from February to May in flats in a sandy loam in a warm house. Prick off the seedlings into pans later potting up in a light soil. The soil mixture should be composed of one part sand, two parts compost and two parts well rotted hotbed soil and manure which has been put thru a small screen.

Culture No. 24. Sow from March until June in flats in a sandy loam. Flats must be kept shaded, warm and well watered in order to get an even germination. Prick off as soon as possible into shallow flats and later into small pots, shifting up into larger pots as required. During growing period it is advisable that waterings with diluted manure water be given, particularly during bud formation.

Culture No. 25. Sow from January until May in flats in a sandy compost or hotbed. Sod, leaf mold nor peat cannot be used. The flats should be kept in a warm house, shaded and well watered. Germination period is approximately from 3 to 4 weeks. Prick off as soon as possible into flats containing a similar soil mixture. Later put up in a heavier soil and winter over in a cold frame.

Culture No. 27. Sow from March until June in the open ground in rows or broadcast in light soil thinly sown, in heavier soil the seed must be put in thicker. Where the seedlings are too thick, they must be thinned out.

Culture No. 29. Sow from February to April in hotbed or flats, in good rich loam. Sow thin and after germination keep well ventilated to prevent damping off. From April on the seedlings may be transplanted into open ground. Pricking off the seedlings is advisable but not necessary.

Culture No. 31. Sow from March to May in hotbed, pots or flats using a mixture of rich earth and sand, moderate heat. The seedlings should be pricked off into a heavier soil and may be planted out in a sunny location after June first.

Culture No. 32. Sow in May in flats in a mixture of compost, hotbed earth and sand keeping the flats either in the hotbed or warm room with

ample light. If sown thin the seedlings can be transplanted directly into a well prepared bed. If desirable to save effort, the seed can be sown directly into a well prepared bed at any time after the middle of May, thinning out to proper distance.

Culture No. 33. Sow from January until April in flats in a mixture of loam and sand. Press the seed down and lightly cover and thoroughly water. Prick off as soon as the seedlings can be handled and later put up singly.

Culture No. 36. Sow thinly in March and April in hotbed, frames or pots and water evenly. The best results are obtained with a mixture of compost and some sand. When the seedlings are up ample ventilation must be given and after the middle of May they can be planted in the open or in pots.

Culture No. 38. Best sowed from March to April in moderate heat in a sandy hotbed or flats. As soon as the seedlings can be handled they should be planted singly in little pots and hardened off gradually. About the middle of May they may be planted in their permanent location.

Culture No. 39. Sow from January until March in pots or flats in a well prepared mixture of two-thirds screened sod and the balance sand and loam. Firm the surface well, press seed in lightly and thoroughly water with a fine hose. Proper control of warmth and moisture is most necessary. As soon as the seedlings can be handled they should be pricked off into other flats containing the same soil mixture.

Culture No. 41. For early blooms sow seed in July or August in flats or pots in light moist soil, covering the seed lightly (about twice its diameter) firming the soil with a smooth board. Water thoroughly with a fine spray; cover the flats with glass or newspaper until seed germinates. Transplant seedlings as soon as they can be handled, either in a cold frame or a protected place to winter over. Do not let the soil become dry as this is fatal. May also be started indoors in very early spring and transplanted outside for later blooming. Pansies like a cool moist location and good rich soil.

Culture No. 42. To obtain success sow the seed as early in the spring as the soil can be worked so that the vines make their growth and begin to bloom before hot weather. They require plenty of moisture and fertility about the roots. Dig a trench 12 inches deep refilling it to within about 6 inches with soil to which has been added rotted manure, compost or any other humus material, if the soil is poor; add lime or wood ashes if acid. Sow the seed on top of this covering it with an inch of soil. As the plants grow fill in the trench around them until the level has been reached, this will insure the roots being deep enough to resist hot, dry weather. Thin out if necessary so that plants are 4 to 6 inches apart; support with netting or strings. Sweet Peas like an open sunny location. Keep flowers picked to extend blooming period.

Abronia (*Sand Verbena*) (A. R. Culture 6)

23 **Umbellata Grandiflora.** (6 inches.) Trailing plant with verbena like flowers of bright rose with white center. Likes dry poor soil and sunny location. **Pkt. 5c.**

Achillea (*Milfoil, Yarrow*) (P. R. Culture 13)

24 **Ptarmica** (The Pearl). (2 feet.) Pure white double blossoms all summer, prefers sun. **Pkt. 10c.**

31 **Tomentosa.** (6 to 8 inches.) Bright yellow flowers July to September. **Pkt. 15c.**

Aconitum (*Monkshood*) (P. Culture 13)

22 **Napellus.** (4 feet.) Long spikes of blue helmet shaped flowers. August and September. **Pkt. 10c.**

Acroclinium (A. Culture 3)

25 **Double Mixed.** (20 inches.) White and rosy pink flowers can be dried and used in winter bouquets. **Pkt. 5c, ¼ oz. 25c.**

Aethionema (*Persian Candytuft*) (P. R. Culture 32)

32 **Persicum.** (9 inches.) Strong bushy plants with slender spikes of rosy pink flowers. **Pkt. 15c.**



Ageratum.

Ageratum (*Floss Flower*) (A. R. Culture 2)

Free blooming, quick growing, blooms throughout the summer. Adds beautiful lavender blue tones to the garden. Splendid for edging and rockery.

28 **Blue Perfection.** (9 inches.) Large deep blue flowers. **Pkt. 5c, $\frac{1}{4}$ oz. 35c.**

30 **Little Blue Star.** (5 inches.) Very dwarf, compact, covered with bright blue flowers. **Pkt. 15c, $\frac{1}{8}$ oz. 45c.**

Agrostemma (*Rose Campion*) (P. Culture 13)

26 **Coronaria.** (2½ feet.) Downy silvery grey foliage. Blood red flowers. **Pkt. 5c.**

Alyssum (*Madwort*) (A. R. Culture 3)

The ideal plant for edging and rockery, sweet scented, free blooming and easy to grow.

34 **Lilac Queen.** (6 inches.) A pretty shade of lilac. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**

35 **Little Dorrit.** (4 inches.) Very dwarf and compact White Flowers. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**

36 **Carpet of Snow.** (4 inches.) Spreading habit forming a mass of snow-white flowers. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**

39 **Saxatile Compactum.** (P. R. Cult. 13) (Basket of Gold.) (9 inches.) Bright yellow flowers. **Pkt. 10c, $\frac{1}{4}$ oz. 40c.**

Amaranthus (A. Cultures 1 and 2)

40 **Caudatus** (Love Lies Bleeding). (2½ feet.) Blood red drooping spikes. **Pkt. 5c.**

41 **Tricolor** (Joseph's Coat). (2½ feet.) Inner foliage dark bronze tipped with green, the outer bright scarlet and gold. **Pkt. 5c.**

47 **Combustion.** Originated by Burbank. Fiery crimson tufts resembling Poinsettias, makes dazzling display all summer. **Pkt. 10c.**

Anchusa (*Alkanet*) (P. R. Culture 13)

42 **Italica Dropmore.** (3 to 5 feet.) Forget-me-not flowers of beautiful gentian blue, prefers partial shade. **Pkt. 5c.**

61 **Myosotidiflora.** (1 foot.) Clusters of charming blue flowers like forget-me-nots. Prefers shade. Splendid for the rockery. Blooms in May. **Pkt. 15c.**

Anthericum (*St. Bernard's Lily*) (P. Culture 13)

27 **Lilliastrum.** (1½ feet.) Narrow grass-like foliage. Spikes of lovely white flowers. **Pkt. 10c.**

Anthemis (*Hardy Marguerite*) (P. Culture 13)

29 **Tinctoria.** (2 feet.) Finely cut foliage, large golden daisy-like flowers, blooms all summer. Fine for cutting. **Pkt. 10c.**

Anemone (*Wind Flower*) (P. R. Culture 13)

Showy for border or rockery, also desirable for cutting, prefers partial shade; germinates slow.

84 **Coronaria** (Poppy Anemone). (6 to 10 inches.) Mixed colors—June. **Pkt. 10c.**

85 **St. Brigid.** (12 inches.) Large flowers, semi-double and double. Wonderful array of colors. May-June. **Pkt. 10c.**

86 **Pulsatilla Rubra.** (6 to 9 inches.) Dark red erect flowers. April-May. **Pkt. 15c.**

Antirrhinum (*Snapdragon*) (A. Culture 29)

For gorgeous colors few flowers surpass Snapdragons. They are hardy and should be sown early, as they are slow to germinate. For best results they require full sun. The semi-tall varieties are ideal for bedding.

TALL GIANT FLOWERING VARIETIES (30 to 36 inches)

43 **Crimson King.** Rich Crimson. **Pkt. 10c.**

44 **Golden King.** Rich Yellow. **Pkt. 10c.**

45 **Fire King.** Orange Scarlet. **Pkt. 10c.**

46 **Harmony.** Terra-cotta, orange and rose. **Pkt. 10c.**

49 **Rose King.** Silvery rose-pink. **Pkt. 10c.**

52 **Queen Victoria.** Pure White. **Pkt. 10c.**

55 **Giant Flowering Mixed.** **Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.**

SEMI-TALL VARIETIES (18 to 20 inches)

72 **Empress.** Rich velvety crimson.

74 **Gloria.** Rich deep rose-pink.

75 **Golden Queen.** Clear yellow.

76 **Grenadier.** Orange, Scarlet—white throat.

78 **Prima Donna.** Rich deep rose.

79 **Purity.** Pure white.

80 **Silver Pink.** Soft pearly-pink.

83 **Fine Mixed.**

All varieties, **Pkt. 10c each, $\frac{1}{4}$ oz. 30c, oz. \$1.00.**



Aquilegia (Columbine).

Aquilegia (Columbine)
(P. R. Culture 13)

Among the earliest flowers to bloom in Spring, easily grown, thriving in almost any location.

114 **Mrs. Scott Elliott's Strain Long Spurred.** An exceptionally fine strain of large size blooms with proportionate long spurs. Colors range through lavenders, mauves, blues, whites, creams, yellows, pinks, reds, etc., forming a mass of color seldom equalled. **Pkt. 15c.**

115 **Chrysantha.** Golden yellow, long spurred. **Pkt. 5c.**

116 **Coerulea.** (Rocky Mountain Columbine.) Flowers large, petals white, sepals deep blue, long spurs. One of the finest of our native American flowers. Fine for rock gardens. **Pkt. 10c.**

117 **Long Spurred Blue Shades Improved.** Very vigorous plants 3 to 4 feet with clear blue blooms of slightly varying shades. Immense size over 4 inches across with long spurs in proportion. A truly magnificent flower. **Pkt. 25c.**

118 **Long Spurred Hybrids.** Most lovely colors ranging from pure white, pink, salmon, pale and deep blue, rose, bronze, ruby, orange, yellow and many most beautiful combinations of these shades. **Pkt. 10c.**

119 **Double Mixed.** A very fine mixture containing a large range of colors. **Pkt. 5c.**

Arabis (Rock Cress) (P. R. Culture 13)

62 **Alpina.** (6 inches.) Pure white flowers in dense masses very early in Spring; must have sunny position. **Pkt. 10c.**

Arctotis (Blue-eyed African Daisy)
(A. Culture 2)

122 **Grandis.** (2 to 3 feet.) Forms bushes with large daisy flowers on long stems. The petals are pearly white on the upper surface and pale lilac on the under side; the center is a delicate mauve surrounded by a gold band. Very good cut flower. **Pkt. 5c.**

Arenaria (Sandwort) (P. R. Culture 32)

121 **Verna.** Prostrate growing plant covered in early Spring with small silvery white flowers. Excellent for rock gardens and between flag stones. **Pkt. 15c.**

Armeria (Thrift or Sea Pink)
(P. R. Culture 32)

63 **Laucheana.** (3 to 6 inches.) Forms evergreen tufts of bright green with bright rosy red flowers. May-June. **Pkt. 10c.**

64 **Maritima.** (3 to 6 inches.) Flowers of pale pink. May-June. **Pkt. 10c.**

65 **Alba.** (3 to 6 inches.) Flowers pure white. May-June. **Pkt. 10c.**

Artimisia (P. Culture 32)

123 **Silver King.** (3 feet.) Striking white leaved contrast plant. Sprays may be cut to mix with winter bouquets. **Pkt. 15c.**

Asperula (Woodruff) (P. R. Culture 32)

126 **Odorata.** (6 to 8 inches.) Good for carpeting shady places and rock garden work. Heads of white flowers just above the foliage in May. Sweet scented. Germinates slow. **Pkt. 10c.**

Aubrieta (Purple Rock Cress)
(P. R. Culture 13)

134 **Eyri.** (6 inches.) Dwarf creeping plants forming sheets of rosy lilac flowers; fine for crevices. **Pkt. 15c.**



Arctotis.



Early Beauty Aster.

Aster (P. R. Culture 13)

127 **Alpinus.** (6 to 8 inches.) Purplish blue daisy-like flowers with yellow center. **Pkt. 15c.**

Letherman's Gorgeous American Asters (A. Culture 6)**Varieties marked (WR) are Wilt-resistant.**

Are all of American origin. These are one of our leading specialties, and we have spared neither pains nor expense in bringing our strain to the highest perfection. The seed has been saved from the choicest and most perfect flowers only, and may be relied upon for splendid results. No other flower combines so much beauty with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden. To have early flowers, sow seed in the house from March to May; otherwise sow out of doors after danger of frost is over. Asters require well pulverized soil.

Distinct and Novel Varieties

3003 **Peerless Pink.** The magnificent flowers are of immense size; petals long and broad, averaging 4 to 5 inches across and 2½ inches in depth. The plants are of robust, free branching habit, 24 to 30 inches high. Color, a beautiful shade of pink. Excellent for cutting. **Pkt. 10c., ¼ oz. 75c.**

2901 **Silvery Rose.** A long-stemmed, large-flowering variety each petal is a combination of deep lilac rose, almost cerise, delicately threaded with white, giving the petals a silvery sheen. **Pkt. 10c.**

3001 **Heart of France. (WR)** Plants of branching habit; bear in September their large full-to-the-center blooms of deep rich ruby red, on long strong stems, retaining their brilliancy for a long time. **Pkt. 10c.**

3002 **Lavender Gem.** Very attractive feathery flowers of a charming shade of lavender, loosely arranged on long wiry stems. Blooms through July and August, popular for cutting. **Pkt. 10c., ¼ oz. 60c.**

3004 **Red "Sensation."** Very double flowers of brilliant cardinal. Plant of branching habit, 18 to 24 inches high, bearing its blooms freely on long stems from early August until close of September. Very showy in beds or borders; excellent for cutting. **Pkt. 10c., ¼ oz. 60c.**

2903 **Inspiration Aster.** A new yellow Aster with magnificent double yellow flowers, borne upon long stems. The long, broad petals are curled, giving the flower the appearance of a graceful chrysanthemum. **Pkt. 15c., ¼ oz. \$1.00.**

4029 **Improved New Giant California Sunshine.** A decided improvement over the old type. The clear beautiful colors are varying shades of Pink Apple-blossom, Deep Rose, Blue and Lavender. A double tone effect is obtained through contrasting yellow and blue centers. The outer or guard petals are loosely placed creating a lace like effect. **Pkt. 15c.**

Queen of the Market

Very desirable for its earliness and freedom of bloom. The large graceful flowers on long stems coming into bloom early in July; excellent for cutting.

	¼ oz.	Pkt.
3051 Peach Blossom Pink	\$.40	\$.10
3052 Deep Rose.....	.40	.10
3053 Crimson (WR).....	.75	.10
3054 Lavender.....	.40	.10
3055 Purple (WR).....	.75	.10
3056 White.....	.40	.10
3057 Finest Mixed.....	.35	.10

Collection, one packet each of above 6 colors, 50c.

Early Royal Asters

An early flowering form of our Semple's Branching variety, coming into bloom in July or early August, and lasting for a long time. Their long-stemmed flowers are ideal for cutting.

	¼ oz.	Pkt.
3012 Royal White	\$.40	\$.10
3013 Royal Shell Pink.....	.40	.10
3015 Royal Rose Pink (WR)...	.75	.10
3017 Royal Lavender.....	.40	.10
3018 Royal Purple (WR).....	.75	.10
3020 Royal Mixed. All shades..	.35	.10

Collection, Packet each of above 5 colors, 40c.

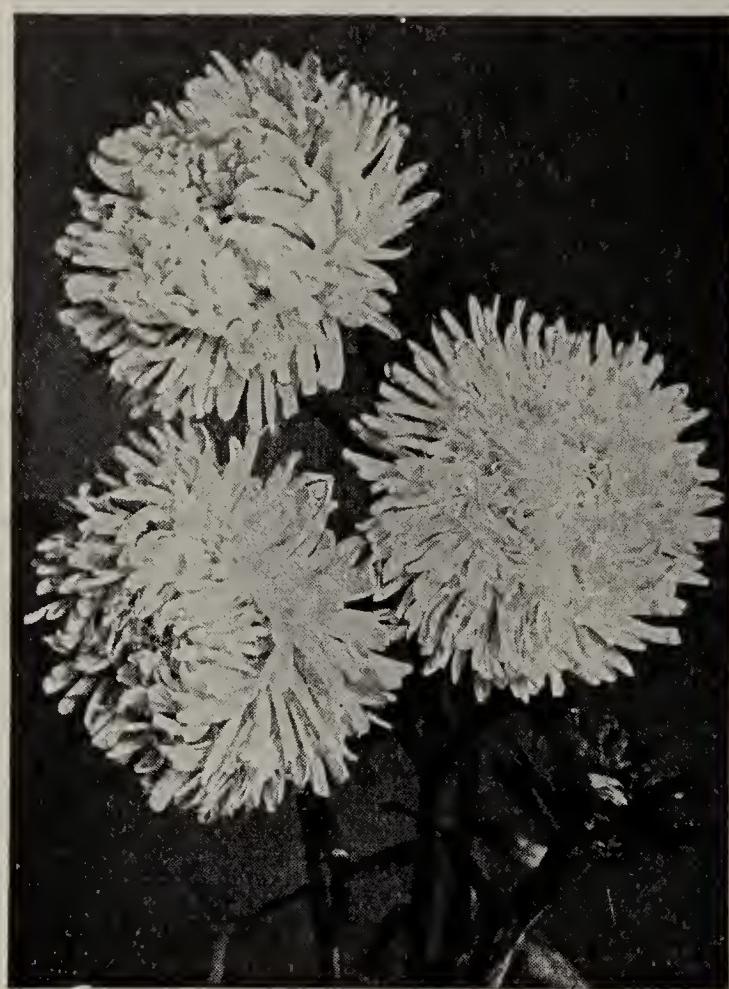
Early Beauty Asters

These come into bloom at the time the Royal Asters leave off. They have a strong upright growth. The flowers are of enormous size, round and fully double. Early Beauty Asters should be in every flower garden.

	¼ oz.	Pkt.
3005 White Beauty (WR)	\$.75	\$ 0.10
3006 Lavender Beauty (WR)...	.75	.10
3007 Purple Beauty.....	.60	.10
3008 Rose Beauty.....	.60	.10
3009 September Beauty. Delicate pink.....	.60	.10
3010 American Beauty. Rosy-carmine (WR).....	.75	.10
3011 Beauty Mixed. All shades ..	.60	.10

Collection of a packet of each of the above 6 colors, 50c.

Varieties marked (WR) are Wilt-resistant



American Branching Aster.

Crego's Giant Asters

The flowers are of immense size, usually measuring from four to five inches in diameter. The beautiful flowers are curled and twisted, resembling choice Chrysanthemums. The delightful flowers are borne in abundance from late August until the end of September.

	$\frac{1}{8}$ oz.	Pkt.
3060 Giant Pink.....	\$0.25	\$0.10
3063 Giant Purple.....	.25	.10
3064 Giant Lavender.....	.25	.10
3066 Giant Rose-Pink.....	.25	.10
3067 Giant Crimson.....	.25	.10
3068 Giant White.....	.25	.10
3070 Giant Mixed. All shades...	.25	.10

Collection, Pkt. each of above 6 colors, 50c.

King Asters

A class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of almost any other class.

	$\frac{1}{8}$ oz.	Pkt.
3027 Pink King.....	\$0.20	\$0.10
3028 Rose King.....	.20	.10
3030 Violet King.....	.20	.10
3032 White King.....	.20	.10
3033 Mixed King. All shades....	.20	.10

Collection, Pkt. each above 4 colors, 30c.

American Branching

Plants 2½ to 3 feet high, branching and robust habit. Flowers large, double and fine form.

3080 Azure Blue(WR)	3083 Shell Pink(WR)
3081 Crimson (WR)	3084 Deep Rose(WR)
3082 Purple (WR)	3085 White (WR)

3086 Finest Mixed

Any of above Pkt. 10c, each $\frac{1}{8}$ oz. 30c.

Collection, Pkt. each of above 6 colors, 50c.

Semple's Branching Asters

The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which under ordinary cultivation, average 5 inches across. They come into bloom during September, and all things considered, are the most valuable of all Asters, either for cutting or for bedding.

	$\frac{1}{8}$ oz.	Pkt.
3042 Crimson.....	\$0.20	\$0.10
3044 Lavender.....	.20	.10
3045 Purple.....	.20	.10
3046 Rose-Pink.....	.20	.10
3047 Shell-Pink.....	.20	.10
3049 Pure White.....	.20	.10
3050 Finest Mixed. All shades...	.20	.10

Collection, Pkt. each above 6 colors, 50c.

California Giants

A splendid midseason to late flowering variety. The plants make a strong, upright growth, reaching a height of two feet. Flowers measuring five inches in diameter, with beautifully curled petals. Their immense size and charming shades, as well as their long stems, make them very attractive.

4009 White	4012 Deep Rose
4010 Peach Blossom	4013 Dark Purple
4011 Lt. Blue	4015 Finest Mixed

Any of above Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Collection, Pkt. each 5 colors 60c.

Single Giants of California

Developed out of the Double California Giants type. The flowers measuring three to four inches across, with stems 18 to 24 inches in length. The petal has a slight twist which adds an unusual touch to its beauty. In the garden they add a charming note of simplicity among the fuller types of Asters.

4020 White	4025 Lilac
4022 Rose	4026 Delicate Flesh
4024 Purple	4028 Finest Mixed

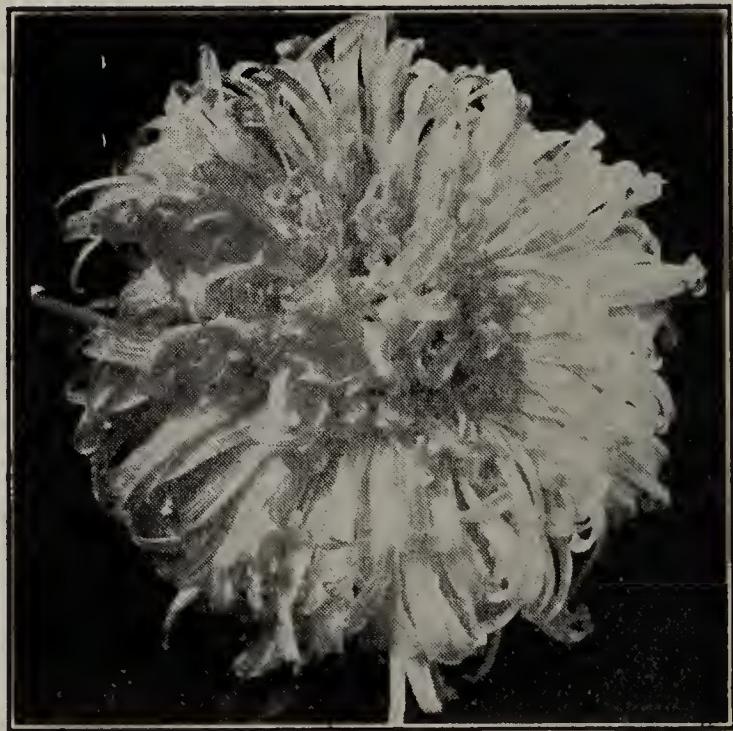
Any of above Pkt. 10c each, $\frac{1}{4}$ oz. 50c.

Collection, Pkt. each of above 5 colors, 40c.

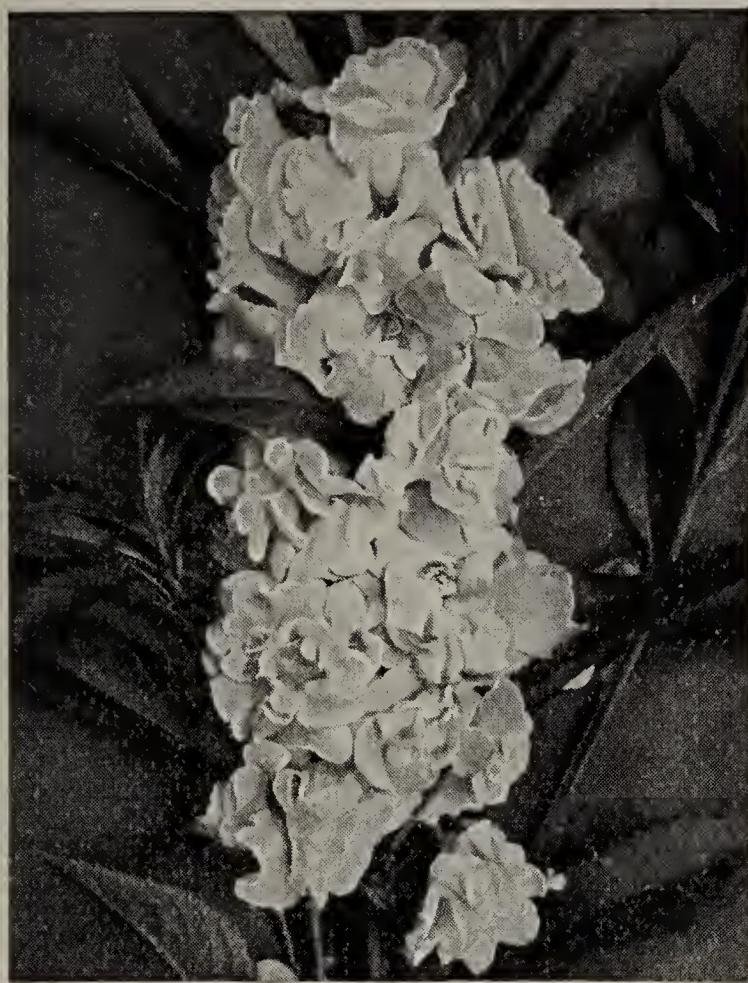
Hardy Aster (*Michaelmas Daisy*) (P. Culture 13)

Autumn blooming herbaceous plants. Height 3 to 4 feet. If sown early will bloom first season.

3035 Mixed. New improved varieties. Pkt. 15c.



California Giant Aster.



Balsam or Lady Slipper.

Balloon Vine (Love in a Puff)
(A. Culture 2)

120 A rapid growing climber; succeeds best in light soil and warm situation; flowers white, seed vessels like miniature balloons. **Pkt. 5c, oz. 20c.**

Balsam (Lady Slipper) (A. Culture 2)

125 **Double Camellia Flowered Mixed.** (2 feet.) Favorite old fashion garden flower producing beautiful brilliant colored flowers all summer. They like hot sun, plenty of water and rich soil. **Pkt. 5c, 1/4 oz. 15c.**

Baptisia (False Indigo) (P. Culture 16)

132 **Australis.** (2 feet.) Strong growing plant, dark green, deeply cut leaves with spikes of dark blue Lupine like flowers. **Pkt. 10c.**

Begonia (A. Culture 39)

The finest of bedding plants, of strong, sturdy growth forming bushes about 1 foot high covered with a mass of bloom until frost. Thrive in sun or shade. As pot plants for winter blooming they are unsurpassed.

100 **Semperflorens Bedding Queen.** Giant flowering pink. **Pkt. 10c.**

101 **Semperflorens Flame of Love.** Giant flowering brilliant scarlet. **Pkt. 10c.**

102 **Gracilis Luminosa.** Dark scarlet bronze leaves. **Pkt. 10c.**

Bellis (Double English Daisy)
(P. R. Culture 12)

Of dwarf compact growth, leaves form a rosette from which the double flowers are borne on stiff but graceful stems. Profuse bloomers.

146 **Double Giant Mixed.** (6 to 8 inches.) A fine mixture of all colors. **Pkt. 5c.**

Brachycome (Swan River Daisy)
(A. Culture 3)

A dwarf free flowering plant covered the great part of summer with pretty blue and white flowers, suitable for beds or edging.

148 **Finest Mixed.** (1 foot.) **Pkt. 5c, 1/4 oz. 30c.**

Browallia (A. R. Culture 8)

A fine profuse blooming bedding plant. Grows freely in any soil. Will bloom in winter if cut back and lifted in the fall.

149 **Elasta Blue.** (1 foot.) Intense shade of blue.

Cacalia (Tassel Flower) (A. Culture 1)

Scarlet and yellow flowers borne on long wiry stems resembling miniature paint brushes.

185 **Mixed.** (2 feet.) Splendid for cutting. **Pkt. 5c, 1/8 oz. 20c.**

Calendula (Pot Marigold) (A. Culture 3)

An old fashioned annual but greatly improved by plant breeding which has increased the size, improved the form and intensified the colors. Easy to grow and blooms until killed by frost.

186 **Radio.** A late introduction. Flowers full, petals quilled, rich golden orange. **Pkt. 5c.**

187 **Campfire.** Splendid variety. Brilliant orange with scarlet sheen full yellow center. **Pkt. 10c.**

188 **Meteor.** Large double, yellow striped with orange. **Pkt. 5c, 1/4 oz. 20c.**

189 **The Ball.** Deep orange, lighter center, very double. Fine variety. **Pkt. 10c, 1/4 oz. 50c.**

190 **Orange King.** Very large double flowers of dark orange-red. **Pkt. 5c, oz. 35c.**

191 **Lemon Queen.** Pleasing shade of light yellow. Large and double. **Pkt. 5c, oz. 35c.**

192 **Double Mixed.** Fine mixture of all varieties. **Pkt. 5c, oz. 25c.**



Calendula Double Mixed.



Candytuft.

Calliopsis (A. Culture 3)

Very attractive free flowering plants of easy culture thriving in any soil; like sunshine.

- 193 **Crimson King.** Rich dark red. **Pkt. 5c.**
- 194 **Bi-Color Nana.** Dwarf, yellow with garnet eye. **Pkt. 5c, 1/4 oz. 15c.**
- 195 **Golden Wave.** Bright yellow with brown center. **Pkt. 5c, 1/4 oz. 20c.**
- 196 **Mixed.** All varieties and colors. **Pkt. 5c, 1/2 oz. 20c.**

California Poppy (See **Eschscholtzia**)**Callihoe** (*Poppy Mallow*)
(P. R. Culture 13)

- 176 **Involucrata.** Trailing plant with finely cut foliage, large saucer shaped flowers of bright rosy crimson. Blooms all summer and fall; likes sun. **Pkt. 10c.**

Campanula (*Canterbury Bells*)
(B. R. Culture 13)

A charming old-fashioned flower of various heights and size of bloom. The tall ones are impressive as backgrounds for the hardy border, and the dwarf dainty small flowered sorts make ideal rock plants. Recently there has been developed an annual species which blooms from seed in less than 6 months. Prefers moderately rich soil.

- 154 **Annual Mixed.** (Culture 33.) (2 to 2 1/2 feet.) Blooms from seed in less than 6 months. Plants have from 6 to 8 bloom spikes. Mixture contains dark and light blue, pink, rose, white. **Pkt. 20c.**

155 **Calycanthema.** (Cup and Saucer.) 2 to 2 1/2 feet. Mixed colors. **Pkt. 10c, 1/8 oz. 35c.**

- 158 **Single Blue.** 160 **Single White**
159 **Single Rose.** 163 **Single Mixed.**

Pkt. 5c each, 1/8 oz. 20c.

169 **Pyramidalis.** (Chimney Bell Flower.) 4 to 5 feet. Large broad tubular flowers. **Pkt. 10c, 1/8 oz. 40c.**

170 **Carpatica.** (Carpathian Harebell.) 6 to 8 inches. Compact tufts, clear blue flowers on erect wiry stems. Valuable for rock gardens. **Pkt. 10c.**

171 **Rotundifolia.** (Blue Bells of Scotland.) 6 to 12 inches. Slender branching stems covered with dainty clear blue flowers of pendent habits, grand rock garden plant. **Pkt. 15c.**

Candytuft (*Iberis*) (A. R. Culture 3)

For massing borders, edging and rock gardens they are admirably adapted as they are profuse bloomers and the Hyacinth Flowered is fine for cutting. There is also a perennial type.

- 210 **Giant Hyacinth Flowered.** (12 inches.) A grand border plant of sturdy compact habit, bearing very large bold spikes of snowy white flowers. **Pkt. 5c, 1/4 oz. 25c.**
- 211 **Rose Cardinal.** Brilliant deep rose, very effective for bedding. **Pkt. 5c, oz. 60c.**
- 212 **Lavender.** A beautiful delicate shade. **Pkt. 5c.**
- 215 **Mixed.** All colors. **Pkt. 5c, oz. 25c.**
- 216 **Sempervirens.** (P. R. Culture 32.) 12 inches. Plants remain green all Winter, and when in bloom in the early Spring are a mass of beautiful white. **Pkt. 10c.**

Canary Bird Vine (A. Culture 2)
(10 to 15 feet)

- 200 A pretty climber with beautiful cut leaves and clear canary yellow flowers. **Pkt. 5c.**

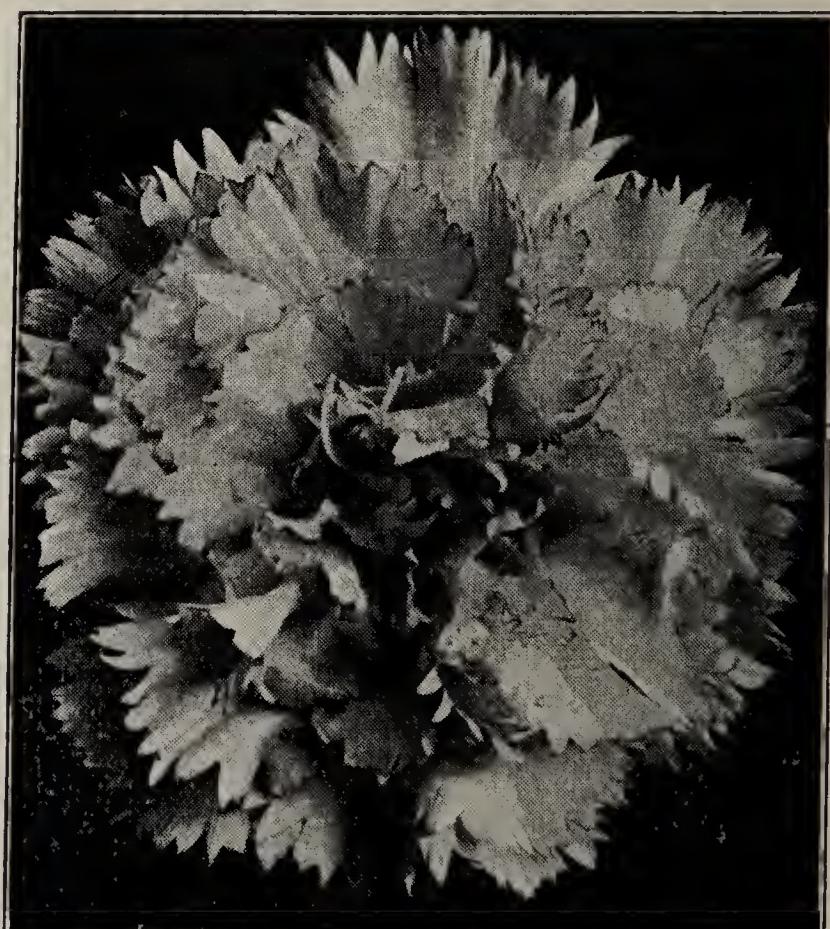
Cardinal Climber (A. Culture 1)
(20 to 25 feet)

- 203 Strong rapid grower with rich glossy fern-like leaves covered with cardinal-red flowers until late Fall. Delights in rich soil and sunny location. **Pkt. 5c.**

Carnation (A. Culture 13)

- 219 **Giant Marguerite Double.** (1 foot.) Early flowering, seed sown in February will bloom in June. Splendid mixture of all colors. **Pkt. 10c, 1/8 oz. 25c.**

- 221 **Chabaud's Giant Improved Double.** Come into bloom 5 months after seed is sown, and bloom all summer. Compact growth with stiff stems and very large double sweet-scented blooms. All colors mixed. **Pkt. 15c, 1/4 oz. 50c.**



Carnation Giant Double.



Giant Double Bachelor's Button.

Caster Oil Bean (See Ricinus)**Celosia (Cockscomb) (A. Culture 2)**

An odd class of plants, some are crested and others are feathered or plume type.

- 230 **Cristata Nana. Empress.** (1½ feet.) Dark foliage with enormous crimson heads, resembling a cock's comb. **Pkt. 5c, ¼ oz. 30c.**
- 231 **Cristata Mixed.** **Pkt. 5c, ¼ oz. 25c.**
- 235 **Plumosa. Thompson's Magnifica.** (3 feet.) A mixture of improved varieties and splendid colors. **Pkt. 5c.**
- 238 **Chinese Wool Flower.** (2 to 3 feet.) This is a unique type of Celosia plumosa instead of forming pyramidal panicles of bloom it forms large globular heads, like balls of wool or chenille of a rich bright red color. **Pkt. 5c, ¼ oz. 25c.**

Centaurea (A. Culture 1)

This class is made up of a number of distinct types. The double Cornflower and Sweet Sultan types make splendid cut flowers. All are easy to grow.

Cyanus. Bachelor's Button or Cornflower. (2 feet.) An old well-known favorite very much improved and double flowers.

- | | |
|-------------------------|------------------------|
| 253 Double Blue | 255 Double Rose |
| 254 Double White | 256 Double Pink |
| 258 Double Mixed | |

All Pkt. 5c each, ¼ oz. 20c, oz. 50c.

Imperialis. (Giant Sweet Sultan.) 2½ feet. These deeply cut and fringed flowers have a very artistic effect when used for decoration, have long stems and delicate perfume. Keep for several days after cutting.

- | | | |
|------------------------------------|-------------------|------------------|
| 240 White | 241 Purple | 243 Rose |
| | | 244 Mixed |
| Pkts. 5c each, ¼ oz. 25c, oz. 65c. | | |

VARIOUS CENTAUREAS

- 245 **Suaveolens.** (Yellow Sweet Sultan or Grecian Cornflower.) Very showy large bright yellow flowers, sweet scented. Good cut flower, lasts well. **Pkt. 5c, ¼ oz. 30c.**

- 246 **Montana.** (P. Culture 13.) 2 feet. Large violet blue flowers, July to September. **Pkt. 5c, ¼ oz. 30c.**
- 247 **Montana Alba.** Same as above with white flowers. **Pkt. 5c, ¼ oz. 30c.**
- 248 **Gymnocarpa.** (Dusty Miller.) Finely cut leaves of silvery white for borders and edges. **Pkt. 5c, ¼ oz. 20c.**
- 250 **Candidissima.** (Dusty Miller.) Thick silvery white leaves, for bedding and borders. **Pkt. 10c, ½ oz. 25c.**

Cephalaria (P. Culture 13)

- 268 (5 feet.) Good for shrubbery border. Yellow scabiosa like flowers. **Pkt. 10c.**

Cerastium (Snow in Summer)
(P. R. Culture 13)

- 177 **Tomentosum.** (4 inches.) Low growing plant with silvery white woolly leaves and white flowers. **Pkt. 15c, ½ oz. 35c.**

Cheiranthus (Siberian Wallflower)
(B. R. Culture 13)

- 180 **Allioni.** (1 foot.) Dazzling fiery orange flowers. Fine rock plant. **Pkt. 10c.**

Chelone (Turtlehead) (P. Culture 13)

- 269 **Lyoni.** (2 feet.) Handsome plant bearing numerous spikes of large purplish red flower heads summer and fall. **Pkt. 5c, ¼ oz. 35c.**

Chrysanthemum (A. Culture 2)

These summer blooming sorts are easy to grow, make a fine display in the garden and are very suitable for cutting.

- 270 **Single Mixed.** Showy flowers of many colors. **Pkt. 5c, oz. 30c.**
- 271 **Coronarium.** Double Mixed. Yellow and white. **Pkt. 5c, ¼ oz. 15c, oz. 35c.**



Summer Chrysanthemums.



Coreopsis.

Cineraria (H. Culture 20)

Popular house plant with magnificent heads of velvety blooms. Vivid colors and shades of purple, red, blue and white.

295 **Hybrida.** (Large flowering.) Unsurpassed for size of blooms and colors. **Pkt. 25c.**

Clarkia (A. Culture 1)

Graceful plants with double flowers resembling Carnations. Blooms from July to October; does well in light sandy soil, and makes a splendid cut flower.

93 **Double Finest Mixed.** (2 feet.) **Pkt. 5c,**
1/4 oz. 25c.

Cleome (*Spider Plant*) (A. Culture 2)

A showy plant producing curious shaped flowers of bright rose color, easy to grow.

310 **Pungens.** (5 feet.) **Pkt. 5c, 1/4 oz. 35c.**

Cobea-Scandens (*Cup and Saucer Vine*)
(A. Culture 2)

Quick growing climber, large bell shaped flowers. Plant seed edgewise.

320 **Purple.** (30 feet.) **Pkt. 5c, 1/4 oz. 25c.**

Cockscomb (*See Celosia*)**Coix Lachrymae** (*Job's Tears*)
(A. Culture 36)

315 An ornamental grass with large curious seeds which are used for beads. **Pkt. 5c, oz. 10c.**

Coleus (A. Culture 17)

323 **"Holco" Large Leaved.** Popular bedding plant with beautifully colored leaves in rich combinations. **Pkt. 25c.**

Columbine (*See Aquilegia*)**Coreopsis** (P. Culture 13)

339 **Lanceolata Grandiflora.** (2 feet.) Useful and attractive plant for border and cut flowers. Easy to grow and produce their golden yellow flowers in profusion throughout the summer. Will bloom first year if sown early. **Pkt. 5c,**
1/4 oz. 20c.

Coral Bells (*See Heuchera*)**Cosmos** (A. Culture 2) (3 to 4 feet)

Beautiful late summer and autumn blooming plants. No flower garden is complete without them; their finely cut foliage and beautiful graceful blooms of white, pink and crimson are borne in great profusion; supply a colorful effect when other flowers are past their blooming period. Fine for cutting. Easy to grow and do well in poor soil.

Early Double Crested. 325 Mixed. 326 Pink.
327 White. 328 Crimson. **Each Pkt. 10c.**

Extra Early Single. 335. Crimson. 336 Pink.
337 White. 338 Mixed. **Pkt. 5c, 1/4 oz. 20c.**

Mammoth Late Single. 329 Pink. 330 White.
331 Crimson. 334 Mixed. **Pkt. 5c, 1/4 oz. 20c.**

Cowslip (*Primula Officinalis*)
(P. R. Culture 13)

360 **Hybrida.** (6 inches.) Delightful early Spring flowers of bright yellow. Do best in partially shaded location. Charming rock garden plant. Sweet scented. **Pkt. 15c.**

Cyclaman (H. Culture 21)

Beautiful house plant with highly ornamental foliage and beautiful flowers.

342 **Giganteum Mixed.** Very large size flowers.
Pkt. 25c, 100 Seeds \$2.00.

343 **Butterfly.** Flower edges beautifully waved.
Pkt. 50c.

344 **Persicum.** Easy to grow; blooms profusely.
Pkt. 15c. 100 Seed \$1.00.



Double Crested Cosmos.



Dianthus or Pinks.

Cypress Vine (A. Culture 1) (15 feet)

Very graceful climber with delicate fern-like foliage and masses of small star-shaped flowers. Soak seed in warm water a few hours before planting.

350 Mixed. White and scarlet. **Pkt. 5c, 1/4 oz. 25c.**

**Cynoglossum (Chinese Forget-me-not)
(A. Culture 1)**

351 Amabile. (18 to 24 inches.) Produces large sprays of brilliant blue Forget-me-not flowers. Blooms for a long time and easy to grow. Adds a charming blue to the garden. **Pkt. 5c.**

Daisy-Shasta (P. Culture 13)

359 Alaska. (2½ to 3 feet.) A fine plant for the hardy border with large white daisy-like flowers on long graceful stems. A fine long lasting cut flower. **Pkt. 10c, 1/4 oz. 50c.**

**Delphinium (Hardy Larkspur)
(P. Culture 13) (3 to 5 feet)**

These stately plants with their beautifully cut foliage and spikes of magnificent blooms add an unsurpassed touch of artistic beauty to any garden. They bloom in the early Summer and will bloom again later if not allowed to develop seed, and are cut back after they have bloomed. They thrive best in medium light soils; heavy soils should be lightened by adding well rotted manure and sand. A liberal use of well rotted manure will intensify the colors and increase the size of the blooms.

382 Cambridge Blue. (Annual. Culture 6.) 2 to 3 feet. This new annual variety is similar to the perennial Belladonna far surpassing it in brilliancy. It is a rich clear Blue. **Pkt. 25c.**

378 Belladonna. (2 to 3 feet.) A beautiful light Sky Blue, comes into bloom in April and again in September. Its graceful spikes make it the loveliest blue for cutting. **Pkt. 15c, 1/8 oz. 65c.**

379 Bellamoseum. A Dark Blue form of Belladonna. **Pkt. 15c, 1/8 oz. 50c.**

380 "Holco" Prize Hybrids. (4 to 6 feet.) Contain the finest English varieties; immense spikes with enormous flowers in a wonderful combination of shades. **Pkt. 25c.**

381 Wrexham or Hollyhock. This magnificent strain is, we believe, the finest offered. The giant flowers 1½ to 2 inches across in combinations of exquisite art shades are produced on graceful spire shaped spikes of enormous size. A very valuable addition to any collection. **Pkt. 35c.**

Dianthus-Pinks

These old time flowers have been greatly improved in size and range of color, retaining all their loveliness and spicy fragrance. They bloom profusely until fall, and all are especially suitable for rock gardens.

**Hardy Varieties (P. R. Culture 13)
(8 to 12 inches)**

405 Plumarius Fl. Pl. Double and semi-double, in beautiful colors. **Pkt. 10c, 1/4 oz. 75c.**

406 Plumarius. Semperflorens (Florists Pink). Sweet scented, double and single, in many colors. **Pkt. 10c.**

408 Plumarius. Single (Pheasant-eye). Fringed white flowers with dark center. **Pkt. 5c, 1/4 oz. 50c.**

385 Deltoides. (Maiden Pink). Medium size rich rose flowers. Fine feathery foliage. **Pkt. 10c.**

386 Atrococcineus. (Everblooming Sweet William.) 15 to 18 inches. Very dark crimson, double. **Pkt. 10c.**

400 Allwoodi Rock Alpinus. Delightful variety of colors. Blooms from spring to autumn. **Pkt. 25c.**

401 Knappi. Clusters of small yellow blossoms on slender stems. A rare color. Likes sun. **Pkt. 20c.**

403 Allwoodi Hardy Pinks. A new hybrid race, bloom all summer; handsome double flowers. **Pkt. 25c.**

398 Japanese. Large flowers, brilliant colors, elegant for cutting. **Pkt. 5c, 1/4 oz. 25c.**

399 Nobilis. (Double Royal Pinks.) Flowers of largest size in wide range of colors. **Pkt. 5c, 1/4 oz. 25c.**

**Annual Varieties (A. R. Culture 2)
(12 inches)**

395 Snowball. Fringed double white, fine for cutting. **Pkt. 5c, 1/4 oz. 30c.**

396 Fireball. Rich blood red flowers; double. **Pkt. 5c, 1/4 oz. 30c.**

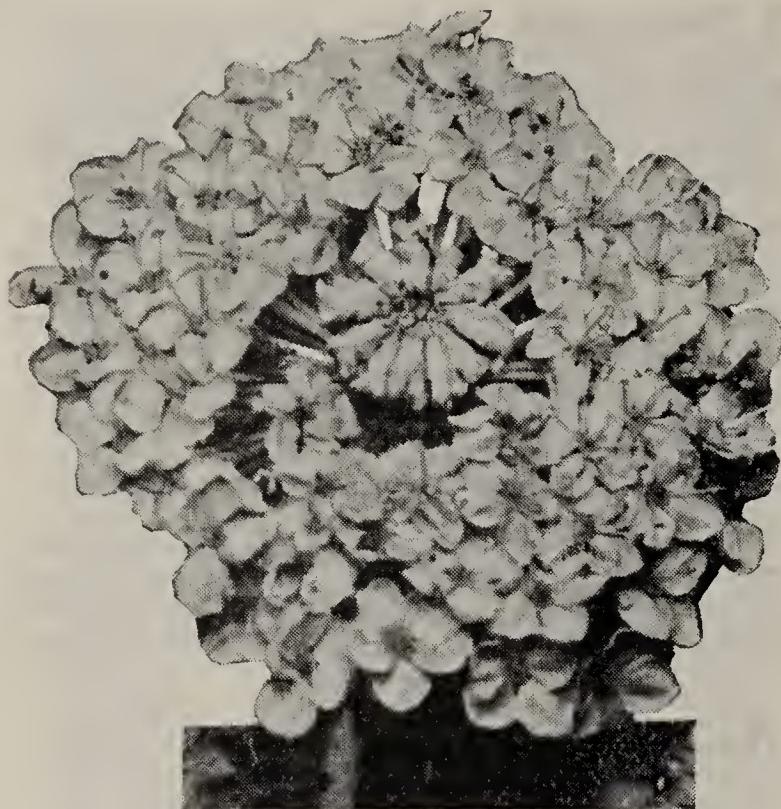
397 Mourning Cloak. Rich velvety crimson, edged white; double. **Pkt. 5c, 1/4 oz. 30c.**

392 Punctatus. (Princess Pinks.) Fringed single flowers in great range of colors. **Pkt. 5c, 1/4 oz. 30c.**

393 Hedgewigii. (Single Japan Pinks.) Finest mixed colors. **Pkt. 5c, 1/4 oz. 25c.**

394 Salmon Queen. Nicely fringed flower of brilliant salmon changing to salmon rose. **Pkt. 10c, 1/4 oz. 40c.**

391 Sweet Wivelsfield. Hardy Annual. Grows like Sweet William but has larger blooms and a wider range of colors. Blooms first year from seed, and may be treated as a biennial by sowing from July to September. **Pkt. 10c.**



Blue Lace Flower—Didiscus.

Didiscus (Blue Lace Flower) (A. Culture 1)

412 **Coeruleus.** (18 inches.) Produces a profusion of delicate lace-like flowers of an exquisite shade of pale lavender from July to October. Excellent for cutting. **Pkt. 5c, 1/4 oz. 35c.**

Digitalis (Foxglove) (P. Culture 13)

Produce stately spikes of tube-like flowers 3 to 5 feet high, and are old garden favorites.

414 **Giant Shirley.** (5 to 7 feet.) The flower heads are over 3 feet long covered with big bell-shaped blossoms. Colors range from white and shell pink to deepest rose, many attractively dotted with crimson and chocolate. **Pkt. 10c, 1/4 oz. 35c.**

Gloxinioides. Spotted flowers. 415. Mixed. 417 Rose. 418 Purple. 419 White. **Pkts. 5c, 1/8 oz. 20c.**

Dimorphotheca (African Daisy-Cape Marigold) (A. Culture 3)

425 **Aurantiaca.** Golden Orange African Daisy. (15 inches.) Glossy rich golden yellow flowers on branching plants. Easily grown and blooms from mid-summer to frost. Plant in sunniest location. **Pkt. 5c, 1/4 oz. 35c.**

Dolichos (Hyacinth Bean) (A. Culture 2)

Rapid growing climber bearing showy clusters of flowers and seed pods.

430 **Darkness.** Reddish violet flower followed by rich purple seed pod. **Pkt. 5c, oz. 20c.**

431 **Daylight.** Pure white flowers, silvery seed pods. **Pkt. 5c, oz. 20c.**

Erinus (Liver Balsam) (P.R. Culture 13)

449 **Alpinus Roseus.** (4 inches.) Tufted plants with rosy purple flowers, fine for rock garden, crevices in walls and steps. **Pkt. 25c.**

Eschscholtzia (California Poppy) (A. Culture 1) (1 foot)

A bright free blooming plant of low spreading habit with finely cut silvery foliage and large poppy-like flowers, in bloom from June until frost.

440 **Aurantiaca.** (California Poppy.) Rich orange. **Pkt. 5c, oz. 30c.**

443 **Geisha.** Brilliant gold inside, orange crimson outside, fluted petals. **Pkt. 10c, 1/4 oz. 30c.**

444 **Lovely.** A lovely tone of bright rose pink suffused salmon. **Pkt. 10c, 1/4 oz. 30c.**

445 **Crimson.** Beautiful carmine crimson, extra good. **Pkt. 5c, oz. 50c.**

447 **Fine Mixed.** New large flowering erect type containing many new shades. **Pkt. 5c, oz. 50c.**

Collection, 1 Pkt. each of the 4 separate colors 20c.

Euphorbia (A. Culture 4) (2 feet)

450 **Variegata.** (Snow-on-the-Mountain.) Of branching growth, with leaves of light green, broadly margined with silvery white. Very striking. **Pkt. 5c.**

454 **Heterophylla.** (Mexican Fire Plant.) Also called Annual Poinsettia, resembling in habit and color the hothouse Poinsettia. The center top leaves of each branch turn orange-scarlet. **Pkt. 5c.**

Everlasting Flowers (A. Culture 2)

456 **All Varieties Mixed.** Unsurpassed for Winter decorations. Cut before fully expanded, and hang on a line with the heads down in a dark dry room. **Pkt. 5c, 1/4 oz. 20c.**

Feverfew (Matricaria) (A. Culture 2)

460 **Double White.** (18 inches.) Neat, small double white flowers. Free blooming, suitable for bedding or pot culture. **Pkt. 5c, oz. 60c.**

461 **Eximia, Golden Ball.** (12 inches.) Compact habit striking, double yellow flowers. **Pkt. 10c.**



California Poppy—Eschscholtzia.



Gaillardia.

Flower Garden Mixture (Annuals)

469 This mixture contains many different kinds of garden annuals easy to grow, and furnishes an abundance of blooms throughout the Summer and Fall, many useful for cutting. Just the thing for vacant lots or bare spaces, and fine to let the "kiddies" see what they can grow.
Oz. 10c, 1/4 lb. 25c.

Forget-Me-Not (See Myosotis)

Four O'Clock (See Marvel of Peru)

Foxglove (See Digitalis)

Gaillardia (Blanket Flower)

(A. Culture 2. P. Culture 13)

A splendid flower, excellent for cutting. The large daisy-like flowers a combination of tones of orange, red and maroon on stout stems appear the entire season.

475 **Picta. Lorenziana. Annual.** (2 feet.) Fine mixed colors; double. **Pkt. 5c, 1/4 oz. 25c.**

476 **Grandiflora, Portola Hybrida.** (Perennial.) 2½ feet. Free blooming, immense flowers in shades of bronzy red, golden tipped. **Pkt. 10c. 1/8 oz. 40c.**

479 **The Dazzler.** A most attractive variety, large golden yellow, with rich maroon center. **Pkt. 10c, 1/8 oz. 40c.**

Gerbera (Transvaal Daisy) (Half hardy. P. Culture 33)

These daisy-like flowers 2 to 4 inches across are borne on long stems, and are unsurpassed as cut flowers because of their lasting qualities and beauty. The colors include a wide range of charming pastel shades. In cold climates they are wintered over in cold frames.

477 **Jamesoni Hybrids.** **Pkt. 25c.**

Geum (Avens) (P. R. Culture 13)

Showy double flowers like miniature roses borne on graceful stems above tufts of pinnate or feather-shaped leaves. An excellent rockery plant.

484 **Mrs. Bradshaw.** (18 inches.) Double flowers of Fiery Red. **Pkt. 10c.**

485 **Lady Stratheden.** (Golden Ball.) Rich Golden Yellow, double. **Pkt. 10c.**

Gilia (A. Culture 27)

495 **Capitata.** (Blue Thimble Flower.) 2 feet. Erect bushy plant with fine feathery leaves, covered all summer with rich lavender blue flowers. A good cut flower, and blooms may be dried like everlasting. **Pkt. 5c, 1/4 oz. 25c.**

Gloxinia (H. Culture 18)

470 **Large Flowering.** (Mixed.) 12 inches. Magnificent house blooming plants with handsome bell-shaped flowers in a great variety of colors. **Pkt. 25c.**

Godetia (Satin Flower) (A. Culture 1)

490 **Mixed.** (18 inches.) Showy hardy annual of compact growth, bearing freely large flowers of satiny texture in many rich colors. **Pkt. 5c, 1/4 oz. 20c.**

Gourds (A. Culture 38)

Rapid growing climbers with ornamental foliage and curious shaped fruits.

496 **Dipper.** 497 **Nest Egg.** 498 **Calabash.**
499 **Luffa** (Dish Cloth). 500 **Mixed.**
Pkts. 5c, 1/4 oz. 20c.

Gypsophila (Baby's Breath)

(A. Culture 27, P. R. Culture 13)

Graceful plants of light fairy-like growth covered with small starry white flowers extensively used for cutting and combining with other flowers.

522 **Elegans Grandiflora.** (Annual.) 2 feet. Large flower. Pure white. **Pkt. 5c, 1/4 oz. 20c.**

520 **Paniculata.** (F. Pl. Perennial.) 2 to 3 feet. Double flowering form. **Pkt. 15c.**

521 **Paniculata.** (Perennial.) 2 to 3 feet. Single flowers on branched stems. **Pkt. 5c, 1/4 oz. 20c.**

523 **Repens.** (Perennial.) 6 inches. Trailing habit with clouds of small white and pink flowers ideal for rock gardens. **Pkt. 10c.**



Baby's Breath—Gypsophila.

Strawflower—*Helichrysum*.**Helenium (Sneezewort) (P. Culture 13)**

501 **Autumnale.** (6 to 8 feet.) Large heads of golden yellow flowers in late summer and autumn. Useful as backgrounds in the hardy border. **Pkt. 5c.**

**Helichrysum (Strawflower)
(A. Culture 2)**

Very attractive while growing in the garden, and excellent for drying for winter bouquets. For drying flowers should be cut when partly open and suspended with heads down in a cool dry place. The seed we offer are of an improved large flowering strain.

534 **Canary Yellow.** 535 **Fireball-Bright Red.**
536 **Salmon.** 538 **Violet.** 539 **White.**
540 **Mixed, All Colors.** Pkts. 5c, $\frac{1}{4}$ oz. 25c,
oz. 60c.

Heliotrope (A. Culture 23)

A universal favorite because of its delightful fragrance, beautiful color and duration of bloom. Seed started indoors will make fine blooming plants for summer.

545 **Lemoines Giant.** (18 inches.) Large flowers ranging from dark to light. **Pkt. 10c.**

Hesperis (Sweet Rocket) (P. Culture 13)

Old fashioned garden plants bearing spikes of white and purple fragrant flowers excellent for hardy borders and cutting.

549 **Purpurea.** (2 to 3 feet.) Purple. **Pkt. 5c.**
550 **Alba.** White. **Pkt. 5c.**

**Heuchera (Coral Bells)
(P. R. Culture 13)**

566 **Sanguinea.** (18 inches.) Plants make compact mats of dark green heart-shaped leaves from which rise slender graceful stalks, bearing clusters of charming bell-shaped flowers of bright Coral Red. Effective in low borders and rock gardens. Make fine cut flowers. **Pkt. 10c.**

Hibiscus (Marshmallow) (P. Culture 13)

Showy plants growing 5 to 6 feet with flowers of enormous size; very effective in shrubbery plantings.

512 Red	514 White Crimson Eye
513 Mallow Pink	515 Yellow Maroon Eye

Pkts. 10c each.

Collection. One packet each of the 4 colors for 30c.

Hollyhock (P. Culture 13)

One of the finest plants for use as a background for other plants and very effective grown in groups. 5 to 7 feet.

552 Double Crimson	557 Double New-
553 Double Maroon	port Pink
555 Double White	558 Double Rose
556 Double Yellow	559 Double Mixed

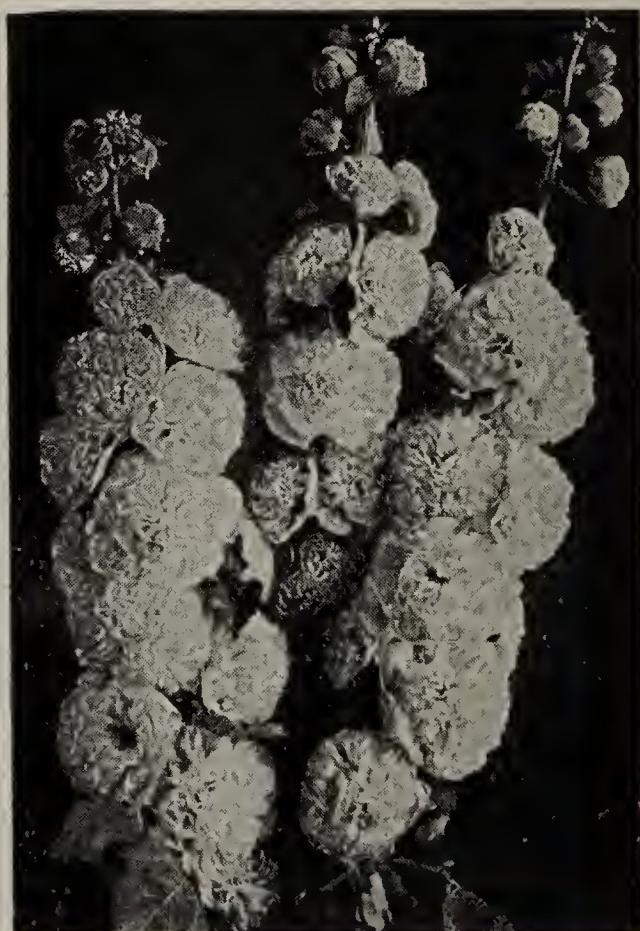
All Colors. Pkts. 10c each, $\frac{1}{4}$ oz. 50c.

560 **Allegheny.** (Mixed. Semi-double.) Beautifully fringed and lovely Pastel Shades. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**

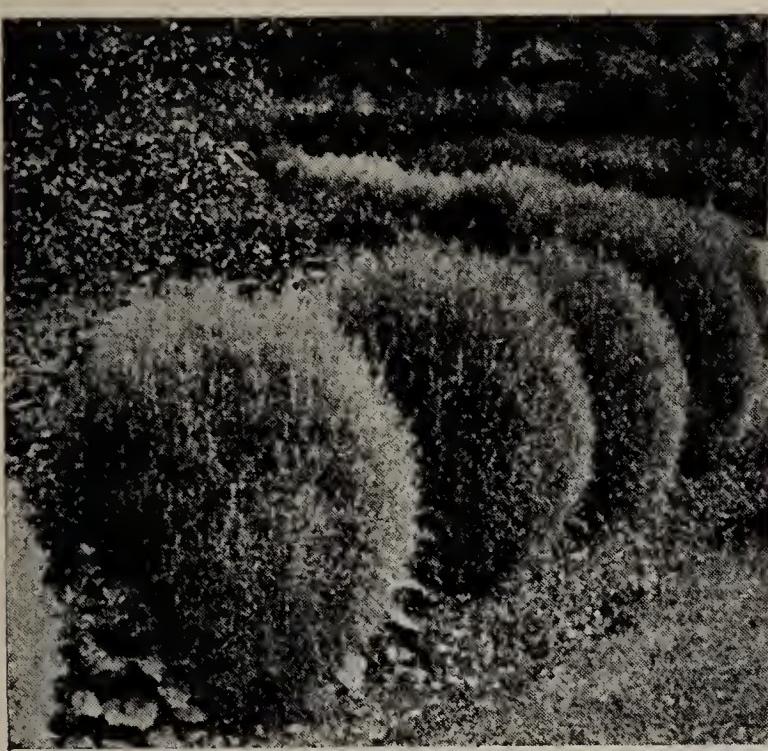
Honesty (See Lunaria)**Humulus (Japanese Hop)
(A. Culture 3)**

A strong growing climber, 20 to 30 feet. Makes a dense covering. Heat, drought or insects do not trouble it.

571 **Japonicus Variegatus.** Variagated leaves. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**



Double Hollyhock.



Kochia.

Hunnemannia (*Bush Eschscholtzia*)
(A. Culture 1)

575 **Sunlite.** New. A double flowered Poppy which is different, the extra band of petals is produced on the outside instead of the inside of the tulip shaped flowers, giving the appearance of being open even after the cuplike blossoms have closed. Height 2 feet, foliage is light gray-green. Flowers bright Canary Yellow. *Award of Merit 1933.* **Pkt. 25c.**

Iberis (*See Candytuft*)

Ice Plant (*Mesembryanthemum*)
(A. Culture 3)

665 **Crystallinum.** (6 inches.) Foliage very ornamental being covered with ice-like globules. Flowers pinkish white, used on dry sandy spots and rock work. **Pkt. 5c.**

Impatiens (*Sultan's Balsam*)
(A. Culture 17)

580 **Holstii Hybrida.** Pretty plants for pot culture and outdoor planting. Colors range from pink through red shades to purplish violet. **Pkt. 25c.**

Kochia (*Summer Cypress or Mexican Fire Bush*) (A. Culture 2)

590 (3 feet.) Symmetrical plants resembling small evergreens. Turns deep crimson in late fall. **Pkt. 5c, $\frac{1}{4}$ oz. 20c.**

Kudzu Vine (*Pueraria Thunbergiana*)
(P. Culture 16)

595 **Jack and the Bean Stalk.** Fast growing hardy climber; the large bright green leaves afford excellent shade. Rose purple peashaped flowers. **Pkt. 5c, $\frac{1}{4}$ oz. 20c.**

Lantana (A. Culture 17)

600 **Hybrid Compacta.** Verbena-like clusters; fragrant flowers. In a single cluster all the shades of crimson, rose-yellow and orange appear. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**

Larkspur (A. Culture 4)

These well-known favorites have been greatly improved by careful breeding in size, colors and general habit of growth. They flower quickly from seed sown early, and continue to bloom over a long period when faded blossoms are kept cut. Make handsome beds and are splendid for cutting.

TALL DOUBLE STOCK FLOWERED (4 Feet)

370 Dark Blue.	373 Lustrous Carmine.
371 White.	374 Exquisite Pink.
372 Lilac.	375 Sky Blue.
	376 Mixed, all colors.

Pkts. 5c each, $\frac{1}{4}$ oz. 20c.

Collection, 6 Separate Colors, 25c.

GIANT IMPERIAL (4 Feet)

383 **Imperial Mixed.** This strain is ideal for cutting, as the flower stems 3 to 4 feet long branch from the base of the plant. Our mixture contains a complete range of colors. **Pkt. 10c, $\frac{1}{4}$ oz. 30c.**

Lathyrus (*Hardy Sweet Pea*)
(P. Culture 13)

605 **Latifolius** (Mixed). Climbing vines with flowers resembling the Sweet Pea. Blooms all summer, suitable for cutting. **Pkt. 5c, oz. 40c.**

Leontopodium (*Edelweiss*)
(P. R. Culture 32)

645 **Alpinum.** (4 to 5 inches.) Well known Alpine plant with pretty white leaves and small yellow flowers surrounded by starlike heads of leaves covered with a dense wooly substance. **Pkt. 25c.**

Linum (*Flax*) (P. R. Culture 13)

610 **Flavium.** (2 feet.) Light feathery foliage with transparent yellow flowers. **Pkt. 10c.**

611 **Narbonnense.** Forms spreading clumps of attractive foliage with many azure blue flowers with white eye. Very handsome. **Pkt. 10c.**



Larkspur Double Stock-Flowered.



Lupins.

Lobelia (A. R. Culture 5,
P. R. Culture 13)

Compact dwarf bushy plants valuable for edging, baskets and pot culture, also very desirable for rock gardens. Some are trailing; all bloom throughout the season.

630 **Crystal Palace Compacta.** (4 inches.) Dark foliage, rich Dark Blue flowers; fine bedder. **Pkt. 10c, 1/8 oz. 40c.**

631 **Sky Blue.** (4 inches.) Light foliage. Clear Sky Blue flowers. **Pkt. 10c, 1/8 oz. 40c.**

633 **Sapphire.** (Trailing.) Large Deep Blue with White Eye. **Pkt. 15c, 1/8 oz. 50c.**

632 **Syphilitica.** (Great Blue Lobelia) Perennial. 3 feet. Spikes of blue flowers streaked with white. **Pkt. 15c.**

634 **Cardinalis** (Cardinal Flower) Perennial. Intense Scarlet flowers. Does best in moist places. **Pkt. 10c.**

Lunaria (*Honesty or St. Peters Penny*)
(B. Culture 13)

635 (2 feet.) A hardy biennial thrives almost anywhere. Flowers Reddish Purple followed by silvery transparent seed-pods, fine for Winter bouquets. **Pkt. 5c, 1/4 oz. 25c.**

Lupinus (P. Culture 13, A. Culture 1)

A very attractive border plant which produces tufts of beautifully cut leaves from which it sends up stately stalks with long spikes of sweetly scented pea-like flowers in beautiful shades. Do not plant in soil that has been limed, and do not move after they have become established.

639 **Hartwegi Giants.** Mixed. Annual. 3 to 4 feet. A new strain, base branching, 4 to 6 flower spikes to the plant with more and larger flowers than other types. Colors include Dark Blue, Sky Blue, Rose and White. **Pkt. 10c, 1/8 oz. 25c.**

640 **Polyphyllus.** Mixed. Perennial. 2 1/2 to 3 feet. All colors. **Pkt. 5c, oz. 35c.**

641 **Harkness' Regal.** Mixed. Perennial. Charming new shades of Rose, Buff, Flesh, Salmon, etc. **Pkt. 10c, 1/4 oz. 40c.**

642 **Downer's Hybrids.** (Perennial.) Early and perpetual bloomers. Fine new shades. **Pkt. 10c, 1/4 oz. 50c.**

Lychnis *Jerusalem or Maltese Cross*
(P. R. Culture 13)

A fine old fashioned flower bearing large heads of brilliantly colored flowers. The individual flowers are in the form of a Maltese Cross.

646 **Arkwrighti.** (2 to 3 feet.) Beautiful hybrids ranging in color from Orange Scarlet to soft Salmon-Pink. **Pkt. 5c, 1/4 oz. 25c.**

647 **Alpina.** (4 inches.) Close tufts of olive green with clusters of Rose-colored blooms. **Pkt. 25c.**

Marigold (*Tagetes*) (A. Culture 2)

Old time favorites much improved; of easy culture, fine for beds and borders.

TALL DOUBLE AFRICAN VARIETIES

656 **Guinea Gold.** (2 1/2 feet.) A distinct new type. Plant is of graceful pyramidal habit, covered with semi-double carnation-like flower of Brilliant Orange flushed with Gold; a valuable addition to any planting. As a cut flower it cannot be surpassed for decorative effect. The marigold odor has almost entirely disappeared. **Pkt. 10c, 1/8 oz. 35c.**

648 **Lemon Alldouble.** (3 feet.) A new strain which comes practically all doubles. Large closely quilled heads of clear Lemon Yellow. **Pkt. 10c, 1/8 oz. 40c.**

649 **Orange Alldouble.** A companion to Lemon Alldouble. **Pkt. 10c, 1/8 oz. 40c.**

650 **Lemon Queen.** Large globular double Lemon Yellow flowers. **Pkt. 5c, 1/4 oz. 35c.**

651 **Orange Prince.** Large round double of rich Orange. **Pkt. 5c, 1/4 oz. 35c.**

652 **African Double Mixed.** **Pkt. 5c, 1/4 oz. 25c.**

DWARF FRENCH VARIETIES

653 **Legion of Honor.** (Little Brownie.) Single bright Yellow with Crimson spots and blotches; a good bedder. **Pkt. 5c, 1/4 oz. 25c.**

654 **Dwarf Double.** Mixed. **Pkt. 5c, 1/4 oz. 25c.**

655 **Dwarf Double Monarch.** (1 foot.) Compact growth, very large, tight double flowers in combinations of orange, bronze, yellow and mahogany. Most flowers have two or more shades combined in stripes or spotted effects. A very interesting type for the low border. **Award of Merit, 1933. Pkt. 10c, 1/8 oz. 25c.**



Marigold.



Four O'clocks—Marvel of Peru.

Marvel of Peru (*Four O'clocks*) (A. Culture 2)

660 Choice Mixed Bushy plants of easy culture bears profusely flowers of Red, Rose, Lilac and Yellow. **Pkt. 5c, oz. 20c.**

Matricaria (See Feverfew)

Mignonette (A. Culture 3)

These sweetly scented flowers should be in every flower garden.

671 **Large Flowering.** Mixed. A fine mixture of all large flowering sorts. **Pkt. 5c, oz. 25c.**

673 **Matchet.** The best all purpose variety it is an ever bloomer. **Pkt. 5c, oz. 25c.**

674 **Goliath.** A robust growing sort with enormous flower spikes of rich reddish-green and delightfully fragrant trusses 7 inches long. **Pkt. 10c, 1/4 oz. 35c.**

Moon Flower (A. Culture 17)

586 **Grandiflora.** At night and cloudy days plants are covered with large white fragrant flowers. Grows rapidly. Soaking the seeds will hasten germination. **Pkt. 5c, oz. 50c.**

588 **Bona Nox.** Violet blue flowers. **Pkt. 5c, oz. 35c.**

Morning Glory (A. Culture 17)

696 **Giant Japanese.** One of the most beautiful of all Morning Glories, plant grows quickly, has fine foliage and flowers of immense size, and a wide range of handsome flowers. **Pkt. 5c, oz. 35c.**

697 **Heavenly Blue.** Flowers are of true Blue and one of the finest of this family. Flowers measure $3\frac{1}{2}$ to 4 inches across, and outlined with narrow band of silvery white. **Pkt. 10c, 1/4 oz. 45c.**

698 **Setosa.** (Brazilian Morning Glory.) Quick grower, large leaves with beautiful Rose color flowers borne in clusters. **Pkt. 5c, 1/4 oz. 25c.**

Myosotis (*Forget-me-Not*) (A. P. R. Cultures, 12 and 13)

These lovely plants are among the best spring flowers, thriving in almost any location, but do best in moist, shady places. Ideal for rock gardens and borders.

700 **Alpestris.** (Victoria.) Dwarf, bushy and very early. Large bright Sky Blue flowers. **Pkt. 5c, 1/8 oz. 30c.**

701 **Alpestris.** Mixed. All varieties. **Pkt. 5c, 1/4 oz. 25c.**

702 **Alpestris.** (Rosea Grandiflora.) 8 inches. Sprays of large Pink flowers. **Pkt. 10c.**

703 **Palustris Semperflorens.** (Perennial.) Dwarf, blooms from spring to fall. Large Clear Blue flowers in sprays. Fine rock garden plant. **Pkt. 10c, 1/8 oz. 40c.**

Nasturtium (A. Culture 1)

720 **Golden Gleam.** Double. Vigorous grower throwing out short runners which become a mass of rich golden blooms averaging $2\frac{1}{2}$ to 3 inches across. Flowers are borne on stiff stems well above the foliage. An exceptionally fine cut flower. **Pkt. 5c, 1/4 oz. 10c, oz. 35c.**

721 "Holco" Tall. Mixed. Contains the finest varieties in a magnificent range of color. **Pkt. 5c, oz. 15c, 1/4 lb. 30c, 1lb. 90c.**

740 "Holco" Dwarf. Mixed. Made up of the best large and free blooming varieties, colors range through every shade known in Nasturtiums. **Pkt. 5c, oz. 20c, 1/4 lb. 35c, 1lb. \$1.00.**

Nepeta (*Ground Ivy or Catmint*) (P. R. Culture 13)

725 (12 to 18 inches.) Dwarf compact habit, forming masses of dainty lipped flowers of beautiful Lavender. Fine rock plant. **Pkt. 15c.**

Nicotiana (*Sweet scented Tobacco*) (A. Culture 2)

755 **Affinis.** (2 to 3 feet.) Pure white, sweet scented, branching bushy habit, begins to bloom a few weeks after sowing and continues to autumn. **Pkt. 5c, 1/4 oz. 20c.**

757 **Sanderae Hybrida.** Mixed. A splendid type in a variety of colors. **Pkt. 5c, 1/4 oz. 25c.**



Giant Japanese Morning Glory.



Love-in-a-Mist—Nigella.

Nigella (Love in a Mist) (A. Culture 1)

765 **Damascena.** Miss Jekyll. (1½ feet.) Fine feathery foliage with cornflower like blooms of blue and white. **Pkt. 5c, ¼ oz. 10c.**

Oenothera (Evening Primrose)
(B. Culture 13)

766 **Lamarckiana.** (1 to 1½ feet.) Likes dry location and plenty of lime. Large yellow flowers, delightful perfume. A biennial which will bloom from seed the first year. **Pkt. 5c, ¼ oz. 25c.**

Pansies (A. Culture 41)

770 **"Holco" Giant Prize.** Mixed. Plants are of robust growth forming round compact clumps with long strong stems. The flowers are large, of great substance and contain rich solid colors and many striking combinations. **Pkt. 20c, ⅛ oz. \$1.00, oz. \$6.00.**

775 **Giant Exhibition.** This fine strain of rich colors and perfect form and great size is especially good for frame culture, equally good outdoors. **Pkt. 10c, ⅛ oz. 60c, oz. \$4.00.**

781 **Swiss Giants.** (Improved.) Undoubtedly the most perfect type yet introduced. The plant is of good form, bearing flowers of enormous size and fine substance with colors that are superb, including shades and combinations heretofore unknown. Bloom early and continue to late fall. **Pkt. 35c, ⅛ oz. \$1.25, ¼ oz. \$2.00, oz. \$8.00.**

783 **Swiss Alpenglow.** Selected from Swiss Giants. Rich velvety Garnet. **Pkt. 30c.**

784 **Swiss Thuner Sea.** A most unusual and attractive solid Blue with darker center. **Pkt. 30c.**

785 **Swiss Yellow.** Rich Yellow with blotches of Brown on 3 lower petals. **Pkt. 30c.**

777. **Masterpiece.** (Ruffled.) A remarkable type with curled or ruffled petals, extensive range of colors, the rich dark velvety shades predominating. **Pkt. 10c, ⅛ oz. 60c, oz. \$4.00.**

780 **Trimardeau Giant.** Vigorous, compact, large flowers, showy colors. **Pkt. 10c, ⅛ oz. 40c, oz. \$3.00.**

Tufted Pansies (*Viola Cornuta*)
(A. R. Culture 41)

These flowers are not as large as regular Pansies they bloom freely and are suited for hot, dry locations. They are splendid for rock gardens where their distinct colors are very effective.

772 **Jersey Gem.** Rich Deep Violet Blue. By far the best of this shade. Plant is large compact and drought resistant, and covered with blooms all summer. **Pkt. 25c.**

773 **Mauve Queen.** Light Blue. Profuse bloomer. **Pkt. 10c, ¼ oz. 75c.**

774 **Lutea Splendens.** Rich Golden Yellow. Blooms all summer. **Pkt. 10c, ¼ oz. 75c.**

782 **Mixed.** All varieties and colors. **Pkt. 10c.**

Pentstemon (Beard Tongue)
(P. Culture 13)

820 **Sensation.** (Improved.) Mixed. 2 feet. Attractive perennial for the hardy border. Grows bushy with long slender spikes bearing many trumpet shaped flowers in a wide range of bright colors. **Pkt. 10c, ⅛ oz. 50c.**



Improved Swiss Giant Pansies



Petunia Double Large Flowering.

Petunia (A. Culture 5)

■ **Letherman's Gorgeous Giants.** (Ruffled.) The finest strain that has yet been produced. Plants are dwarf and sturdy with substantial stems. Giant flowers measuring 5 to 8 inches across are beautifully ruffled with strongly veined or handsome dark throats.

- | | |
|------------------------|--------------------|
| 815 Soft Pink. | 817 Rich Mauve. |
| 816 Warm Red. | 818 Bronzy Copper. |
| 819 Mixed. All colors. | |

Pkts. 40c each, 500 Seeds \$1.25.

827 **Giant Ruffled Fringed.** This type in addition to the ruffling has a delicate fringed edge making it very handsome. Beautifully veined and marked, with deep dark centers. **Pkt. 25c, 100 Seeds \$1.00.**

825 **Giants of California.** Flowers very large with deep yellow throats and a great variety of marking. **Pkt. 25c, 500 Seeds \$1.00.**

814 **Theodosia.** Rosy Pink, heavily ruffled, clear golden center veined black or brown. Large flower. **Pkt. 25c.**

832 **Double Large Flowering.** Mixed. Flowers very large, petals fluted and crinkled with fringed edges in a great variety of colors and markings. Plants of medium size and compact habit. In growing Double Petunias do not discard the weaker seedlings as they usually produce the finest double flowers. **Pkt. 40c, 500 Seeds \$1.25.**

BALCONY PETUNIAS

Of special value for window or porch boxes, vases, etc. Flowers average 3 inches across and make a very effective display over a long season.

- | | |
|-------------------------------|------------|
| 835 White. | 836 Rose. |
| 837 Blue (Violacia-Improved). | |
| 838 Crimson | 842 Mixed. |

Pkts. 15c each, $\frac{1}{8}$ oz. 75c.

839 **Star of California.** Magnificent new Balcony Petunia, has long branches for window boxes or vases. Flowers quite large, of rich velvety Violet shaded crimson with pure white star producing a dazzling effect. **Pkt. 15c.**

BEDDING PETUNIAS

- | | |
|--|--|
| 812 Blue Bird. | Deep Violet Blue, good size flower, fine bedder. |
| Pkt. 15c, $\frac{1}{8}$ oz. 40c. | |

- 813 **General Dodds.** Rich velvety dark Red. **Pkt. 10c, $\frac{1}{8}$ oz. 35c.**
- 826 **Howard's Star.** A bluish-pink star on maroon ground. **Pkt. 10c, $\frac{1}{8}$ oz. 35c.**
- 828 **Rosy Morn.** A lovely rose with white throat; very dainty. **Pkt. 10c, $\frac{1}{8}$ oz. 75c.**
- 829 **Rose of Heaven.** Beautiful rose pink. Very dwarf. **Pkt. 10c, $\frac{1}{8}$ oz. 75c.**
- 830 **Finest Mixed.** Excellent range of bright colors. **Pkt. 10c, $\frac{1}{8}$ oz. 35c, oz. \$2.00.**
- 810 **Double Rosy Morn.** Very dwarf compact plant with medium size double flowers of the same dainty shade of pink as the single. Bears in great profusion; a perfect gem for bedding. **Pkt. 25c.**

Phlox (Drummondii) (A. R. Culture 2)

Unsurpassed for richness of color, no garden should be without them. Easy to grow and will come into bloom in a few weeks after seed is sown, and if faded flowers are removed will bloom until late frost. Seed may be sown as soon as danger from frost is past. Likes a sunny location.

- 840 **Grandiflora.** Fine Mixed. (12 inches.) Exceptionally choice strain with a wide range of gorgeous colors, ideal for bedding and grown in combination with other flowers. **Pkt. 5c, $\frac{1}{4}$ oz. 40c.**

841 **Dwarf Large Flowering.** Mixed. (6 inches.) Of very dwarf compact habit forming masses of striking colors. Will add a brilliant touch of color to the rock garden when most needed, fine for beds and edging. **Pkt. 10c, $\frac{1}{4}$ oz. 75c.**

- 845 **Starred and Fringed.** Dwarf with pretty star-shaped flowers. **Pkt. 5c, $\frac{1}{4}$ oz. 40c.**

Phlox (Hardy) (P. Culture 15)

- 847 **Decussata.** (2 to 3 feet.) No perennial bed or border is complete without some of this beautiful flower. Seed slow to germinate, seedlings may not appear for a year. **Pkt. 10c, $\frac{1}{8}$ oz. 50c.**



Phlox Drummondii.



Double Portulaca.

Physalis (Chinese Lantern Plant)
(P. Culture 13)

822 **Francheti.** (1½ feet.) Produces bright Orange-scarlet lantern-like fruits which are very interesting and splendid for winter decoration. **Pkt. 5c, ¼ oz. 20c.**

Physostegia -False Dragon Head)
(P. Culture 13)

821 **Virginica.** (3 feet.) Forms large clumps, bearing freely delicate lavender-pink tubular flowers on graceful spikes from June to September. **Pkt. 10c.**

Pinks (See Dianthus)

Platycodon (Chinese Bell Flower)
(P. Culture 13)

824 **Grandiflora.** (2 to 3 feet.) A handsome border plant of the Campanula family. The buds have the appearance of miniature balloons opening into bell-shaped blooms of beautiful deep blue. **Pkt. 5c, ¼ oz. 50c.**

Poppies (A. Culture 1, P. Culture 13)

Unsurpassed for their brilliance in color. Sow them early where they are to bloom as they do not like to be transplanted. They flower a few weeks after sowing. For a continuance of bloom make successive sowings.

SINGLE ANNUAL VARIETIES

850 "Holco" **Giant Shirley.** Mixed. This is an extra fine strain of these Poppies in delicate shades of pale pink, rose, carmine to glowing crimson and a sprinkling of blues. **Pkt. 5c, oz. 50c, ¼ lb. \$1.25.**

851 **Tulip Poppy.** (Glauicum.) Vivid Scarlet. An improved strain of the wild Flanders poppy. **Pkt. 5c, ¼ oz. 30c.**

853 **American Legion.** Dazzling Orange-scarlet of enormous size borne on straight stems. Plants of robust erect growth. **Pkt. 5c, ¼ oz. 25c.**

DOUBLE ANNUAL VARIETIES

854 **Cardinal.** Large, fringed, satiny Scarlet, very effective. **Pkt. 5c, oz. 30c.**

855 **Carnation Flowered.** Large, very double-fringed flowers in brilliant colors. **Pkt. 5c, oz. 25c.**

857 **Mikado.** Flowers white shading off to pink and rose with curved petals like a Japanese Chrysanthemum. Very showy. **Pkt. 5c, oz. 30c.**

858 **Peony Flowered.** Large showy flowers resembling a double Peony. Mixed Colors. **Pkt. 5c, oz. 25c.**

859 "Holco" **Special Mixture.** Double Varieties in a gorgeous range of color. **Pkt. 5c, oz. 25c.**

Hardy Perennial Varieties

(P. R. Culture 13)

860 **Iceland.** (Nudicule.) 1 foot. *Sunbeam Mixture.* Plant is of neat graceful habit, forming tufts of fern-like leaves from which it throws up its slender stems with charming cup-shaped flowers in profusion of blooms and colors. A very fine rock garden plant. **Pkt. 10c, ¼ oz. 45c.**

861 **Orientale.** (True Oriental Poppy.) 3 feet. Immense dark scarlet flowers. **Pkt. 10c, ¼ oz. 50c.**

862 **Oriental Hybrids.** Mixed. All colors, including rose, lilac and mauve shades. **Pkt. 10c, ¼ oz. 50c.**

864 **Princess Victoria.** Rich Salmon pink, very striking. **Pkt. 15c.**

Portulaca (Rose Moss) (A.R.Culture 2)

870 **Single.** Mixed. (6 inches.) Thrive in poor soil and in a dry sunny location bloom soon after sowing, and the glossy cup-shaped flowers cover the plants with a mass of dazzling colors the entire summer. **Pkt. 5c, ¼ oz. 25c, oz. 75c.**

871 **Double.** Mixed. Dainty little flowers like miniature roses in bright colors, a gem for a sunny spot in the rock garden. **Pkt. 10c, ¼ oz. 40c.**



Oriental Poppy.



Primrose.

Primula (Primrose)

- 875 **Fringed Chinese.** (H. Culture 24.) Splendid house plant. Our mixture contains the finest fringed sorts. **Pkt. 35c, 3 Pkts. \$1.00.**
- 880 **Kewensis.** (H. Culture 24.) 1 foot. Canary Yellow; fine winter bloomer. **Pkt. 25c.**
- 882 **Obconica Gigantea.** (H. Culture 25.) Mixed. A beautiful house plant of easy culture. **Pkt. 15c.**
- 885 **Malacoides.** (Baby Primrose.) (H. Culture 11.) Beautiful house plant with delicate lilac flowers. **Pkt. 15c.**
- 890 **Vulgaris.** (English Primrose.) (P. Culture 13.) Large Canary Yellow, sweet-scented flowers, easy to grow and make a good rock garden plant. **Pkt. 15c.**
- 891 **Cashmiriana.** (P. Culture 13.) Flowers large globular heads of deep lilac. Early bloomer; a gem for the rock garden, prefers moist location. **Pkt. 10c.**

Primula (Officinalis) (See Cowslip)**Evening Primrose (See Oenothera)****Pyrethrum (Painted Daisy)**
(P. Culture 13)

Hardy garden plants with large single, double and semi-double daisy-like flowers in shades of rose, pink, crimson, etc. Free bloomer and an excellent cut flower.

896 **Double.** Mixed. (1 to 2 feet.) A fine mixture. A percentage will be semi-double. **Pkt. 25c.**

898 **Single.** Mixed. (1 to 2 feet.) All colors mixed. **Pkt. 10c, 1/8 oz. 35c.**

Ricinus (Caster Bean) (A. Culture 2)
(6 to 8 feet)

Tall stately plants with large ornamental leaves giving a tropical effect. Suitable for backgrounds or screens.

993 **Red Spire.** Leaves purple, changing to bronzy green with red stems and crimson spikes. **Pkt. 5c, oz. 20c.**

995 **Cambodgiensis.** Large palm-like leaves of dark maroon, stalk almost black. **Pkt. 5c, oz. 25c.**

996 **Zanzibarensis.** Leaves often 2 feet across ranging from brilliant green to bronze. **Pkt. 5c, oz. 20c.**

999 **Mixed.** All varieties. **Pkt. 5c, oz. 20c.**

Rudbeckia (Coneflower) (P. Culture 13)

1006 **Newmanni.** (2 feet.) Large daisy-like flowers of orange-yellow with black cone-shaped centers. **Pkt. 10c.**

1007 **Purpurea.** (Purple Coneflower.) 2 to 3 feet. Large reddish-purple flowers with dark brown cone-shaped centers. Blooms all summer; an effective border plant and makes a good cut flower. **Pkt. 10c, 1/4 oz. 45c.**

Salpiglossis (Painted Tongue)
(A. Culture 1)

1010 **Finest.** Mixed. (2 feet.) Contains a mixture of gorgeous colors, many are gold-veined. A bed of these aristocrats is a most striking feature in any garden. They are easy to grow, succeeding in fairly rich soil and a sunny location; colors are unusual and gorgeous, bloom all summer and make an excellent cut flower. **Pkt. 5c, 1/4 oz. 40c, oz. \$1.25.**



Salpiglossis.

Salvia (Scarlet Sage) (A. Culture 1)

Very effective mid-summer and fall blooming plants; with their spikes of dazzling color they are still very popular for massing. They also make fine backgrounds. For early blooms start the seed indoors or hotbed early in Spring.

1015 **Zurich.** A dwarf, free blooming variety and splendid bedder. **Pkt. 10c, 1/8 oz. 75c.**

1016 **Splendens.** (3 feet.) Bright scarlet flowers. **Pkt. 10c, 1/4 oz. 50c.**

1017 **Bonfire.** (18 inches.) Compact bushy plants with erect spikes of brilliant scarlet. **Pkt. 10c, 1/8 oz. 40c.**

1018 **America.** (Globe of Fire.) 18 inches. Free and continuous bloomer. **Pkt. 15c, 1/8 oz. 75c.**

1019 **Harbinger.** (18 inches.) Earliest and most brilliant. Dwarf compact with dark green foliage. **Pkt. 15c, 1/8 oz. 75c.**

1021 **Farinacea.** (Blue Sage.) 2 feet. (Perennial Culture 17.) Fine blue flowers borne on long spikes well above the foliage; adds a beautiful blue to the border. **Pkt. 15c, 1/8 oz. 40c.**

Sanvitalia (Trailing Zinnia)
(A. Culture 2)

1027 **Procumbens.** Fl. Pl. Dwarf spreading habit. Blooms continually from June till frost. Plants are covered with small golden-yellow flowers like tiny zinnias. **Pkt. 5c.**

Saponaria (Rock Soapwort)
(P. R. Culture 13)

1059 **Ocymoides.** (9 inches.) A showy dwarf trailing plant producing a sheet of rose-colored flowers. Fine for rock gardens. **Pkt. 5c, 1/8 oz. 25c.**

Saxifraga (Rock-foil) (P. R. Culture 13)

1061 **Megasea.** (Cordifolia.) 12 inches. Forms masses of dark green foliage. Rose-colored flowers appear early in spring. A fine rock garden plant. **Pkt. 25c.**

1062 **Decipiens.** (Crimson Moss.) 4 inches. Dwarf mossy plants bearing white flowers. Foliage turns bright crimson in winter. **Pkt. 25c.**

Scabiosa (Mourning Bride—Pin Cushion Flower) (A. Culture 2)

1020 **Double Large Flowering.** (2 to 2 1/2 feet.) Soft tones predominate in this mixture. This flower is easy to grow and will bloom all summer if faded blooms are picked off. It makes a very attractive cut flower. **Pkt. 5c, 1/4 oz. 25c, oz. 60c.**

1022 **Caucasica.** (Blue Bonnet.) 3 feet. (Perennial Culture 13.) Soft lavender, especially valuable for cutting as it lasts a long time in water. **Pkt. 15c, 1/8 oz. 50c.**

Silene (Catchfly) (P. R. Culture 13)

1063 **Schafta.** (4 to 6 inches.) Closely allied to the family of pinks, forming masses of bright pink flowers from July to October. Fine rock garden plant. **Pkt. 10c.**

1065 **Armeria.** (Sweet William Catchfly.) 12 inches. Forms heads of rose-colored flowers from May to August. **Pkt. 5c.**

Statice (Sea Lavender) (A. Culture 2)

Splendid for border and the dwarf variety is fine for the rock garden. They produce panicles of small flowers. When dried are used for winter bouquets.

1065 **Sinuata.** Fine Mixed. (3 feet.) Blue, Lavender, Rose, White and Yellow. **Pkt. 5c, 1/4 oz. 20c.**

1066 **Suworowi.** (Russian Rat Tail,) 3 feet. Long slender rose-colored flower spikes. **Pkt. 5c, 1/4 oz. 20c.**

1064 **Latifolia.** (Perennial. Culture 13.) 18 inches. Immense candelabra-like heads of purplish blue. Fine for rock gardens and borders. **Pkt. 10c.**

Stocks (Gilliflower) (A. Culture 10)

The charming colors, delightful fragrance and free blooming character of the Stocks have made them favorites for beds, borders and cutting.

1055 **Giant Perfection.** (Cut and Come Again.) 20 inches. Fine free flowering type. Bloom all summer till frost. A wonderful range of colors. **Pkt. 10c, 1/8 oz. 50c.**

1056 **Mammoth Early Branching.** Nice. (18 inches.) Forms pyramidal plants. Early bloomer, fine color range. **Pkt. 10c, 1/8 oz. 50c.**

Stokesia (Cornflower Aster)
(P. Culture 13)

1060 **Cyanea.** (18 inches.) Bears freely handsome flowers of rich blue which resemble a large Centaurea or Cornflower. Of easy culture and a most desirable flower for the border and cutting. **Pkt. 10c, 1/4 oz. 65c.**

Strawflower (See Helichrysum)**Sunflower (Helianthus) (A. Culture 27)**

The large varieties are useful as backgrounds, while the smaller ones are charming when grouped with other flowers; they all furnish good cutting material.

530 **Chrysanthemum Flowered.** Double. (6 feet.) Rich golden yellow double flowers. **Pkt. 5c, oz. 40c.**

532 **Red Sunflower.** (4 to 8 feet.) The flowers vary from rich chestnut red, to red tipped and bordered with yellow, usually have a small disk and often two rows of slightly curled rays. **Pkt. 5c, oz. 55c.**

531 **Miniature.** (Cucumerifolius.) (3 1/2 feet.) Pretty small flowers of rich golden yellow with brown-black centers. **Pkt. 5c, oz. 55c.**

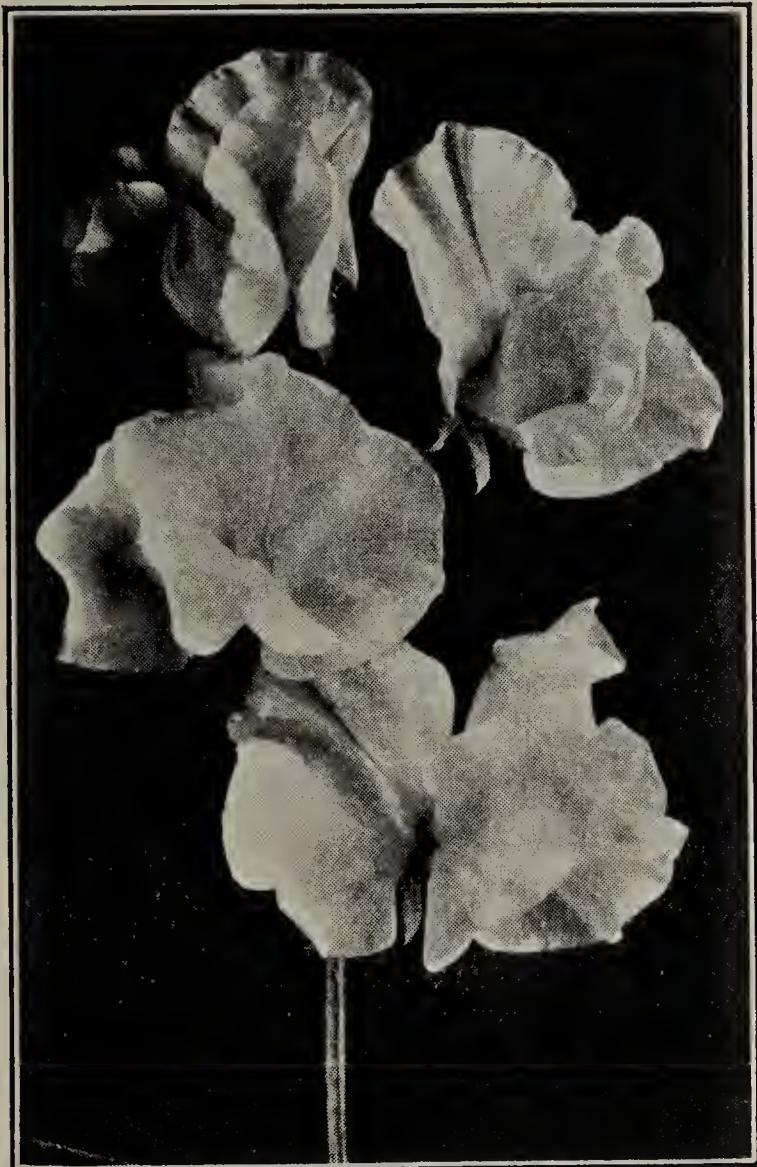


Stocks Giant Perfection.

Giant Orchid Flowered Spencer Sweet Peas

(A. Culture 42)

This race of Sweet Peas bears exceptionally large flowers—with beautifully waved petals and usually have four blossoms on long stems, making them especially desirable cut flowers. They should be sown as soon as the soil can be worked, and soaking the seed for several hours will hasten germination. Below is a carefully selected list of best varieties.



Orchid Flowered Sweet Peas.

- 1500 **What Joy.** Primrose yellow shading to cream.
- 1142 **Picture.** Cream Pink suffused apricot.
- 1505 **Mary Pickford.** Cream Pink suffused Salmon.
- 1108 **Elfrida Pearson.** Fine large blush-pink.
- 1134 **Pinkie.** Largest size Glorious Rose Pink.
- 1510 **Valentine.** Large blush pink.
- 1119 **Avalanch.** Very large white.
- 1502 **Youth.** White edged delicate soft rose.
- 1109 **Crimson King.** Rich Oxblood Crimson.
- 1081 **Campfire Girl.** Brightest scarlet.
- 1501 **Mammoth.** Orange scarlet.
- 1148 **Sunset.** Bright Rose.
- 1132 **Hero.** A brilliant clear cerise.
- 1503 **Geo. Shawyer.** Rich orange pink.
- 1144 **Idyl—Magnificent salmon pink.**
- 1089 **Royal Purple.** Rich warm purple.
- 1511 **Splendour.** Rich red maroon.
- 1137 **Warrior.** Rich reddish maroon, flushed bronze.
- 1145 **Austin Frederick.** Improved bright lavender.

- 1506 **Powerscourt.** Pure lavender.
- 1507 **Gleneagles.** Immense pale blue lavender.
- 1139 **Commander Godsell.** Rich deep violet blue.
- 1141 **Mrs. Tom Jones.** Bright delphinium blue.
- 1509 **Dora.** Rose-pink standard with cream wings.

Any of above, **Pkt. 10c, 3 for 25c, 12 for 85c, oz. 25c, $\frac{1}{4}$ lb. 65c.**

Collection, 1 pkt. each above 24 varieties for \$1.50.

Letherman's Superb Mixed Orchid Flowered Spencers

1076 The greatest care has been exercised in blending this superb mixture; it is made up of only the best and brightest colors including all the desirable novelties of recent years as well as some of the early blooming sorts thus giving a wonderful display of gorgeous blooms over a long period. **Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1lb. \$1.50.**

EARLY FLOWERING ORCHID SPENCERS

Valuable for Florists for greenhouse culture, may also be sown outdoors, thus giving a longer blooming season as they bloom 3 or 4 weeks earlier than the summer flowering sorts.

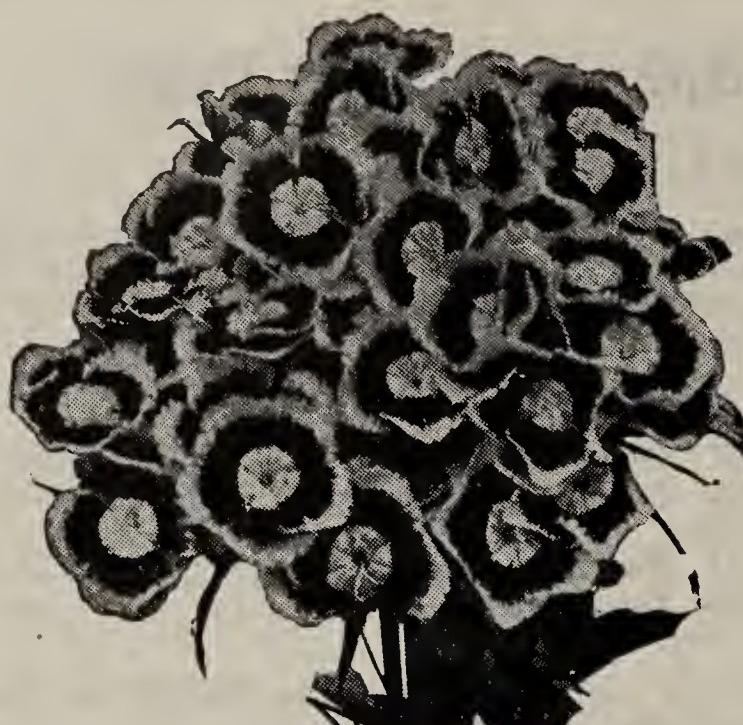
- 1031 **Aviator.** Crimson Scarlet.
- 1040 **Blue Bird.** Rich Deep Blue.
- 1035 **Columbia.** Standard Rose Wings Creamy.
- 1033 **Cream.** Bright Primrose yellow.
- 1037 **Eldorado.** Rich Orange.
- 1048 **Glitters.** Bright Orange Scarlet.
- 1038 **Harmony.** Finest Clear Lavender.
- 1039 **Illumination.** Rich, Salmon Cerise.
- 1041 **Imperial Pink.** Finest Pink.
- 1043 **Jeanne Mamitsch.** Rich Rose Extra long stems.
- 1045 **Rose Charm.** Large Bright Rose.
- 1044 **Snowstorm Improved.** Pure White.

Any of the above—**Pkt. 10c, 3 for 25c, 12 for \$1.00, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.50.**

LARGE FLOWERING GRANDIFLORA MIXED

1077 The best possible mixture from existing Grandiflora or Eckford varieties. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1lb. 75c.**

Perennial Sweet Pea (See Lathyrus)



Sweet William.

Sweet William (*Dianthus Barbatus*)
(B. R. Culture 13)

An old garden favorite that will always be popular.

- 1170 **Pink Beauty.** (Improved.) Fine salmon pink. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**
 1171 **Holborn Glory.** Mixed. Large flowers in attractive colors. A magnificent strain. **Pkt. 5c, $\frac{1}{4}$ oz. 25c.**
 1172 **Scarlet Beauty.** Rich deep scarlet, very fine. **Pkt. 10c, $\frac{1}{4}$ oz. 40c.**
 1175 **Giant Double.** Mixed. Strikingly brilliant colors. **Pkt. 10c, $\frac{1}{4}$ oz. 30c.**

Sweet Rocket (*See Hesperis*)

Sweet Sultan (*See Centaurea Imperialis*)

Sweet Wivelsfield (*See Dianthus*)

Thunbergia (*Black Eyed Susan*)
(A. Culture 17)

- 1178 **Mixed.** Very attractive trailing plant, colors range through shades of yellow, orange and white, mostly with black center. **Pkt. 5c, $\frac{1}{4}$ oz. 35c.**

Tritoma (*Red Hot Poker or Torch Lily*) (P. Culture 13)

- 1179 Showy and handsome border plants bearing heads of rich orange-scarlet on spikes 3 to 4 feet high. **Pkt. 10c.**

Trollius (*Globe Flower*) (P. Culture 14)

Handsome spring or early summer flowering plants with beautifully cut foliage and producing large double butter-cup shaped blooms in yellow and orange. Thrive in moist shady places.

- 1168 **Orange Globe.** (1 to 2 feet.) Giant blooms of rich orange yellow. Fine cut flower. **Pkt. 15c.**
 1169 **Fine Mixed.** All shades of yellow from light to dark. **Pkt. 10c.**

Tunica (*Coat Flower*) (P. R. Culture 13)

- 1177 **Saxifraga.** A pretty tufted plant bearing bright pink flowers throughout the season. Fine for rock garden and border. **Pkt. 10c.**

Verbena (A. Culture 6)

A grand old-fashioned flower that has been greatly improved in size and vivid coloring but still retains its vigor and free blooming qualities.

- 1191 **Lavender Glory.** (Grandiflora.) A true lavender with creamy white eye. Individual florets will cover a fifty cent piece. It is distinctly and sweetly fragrant. **Pkt. 25c.**

- 1193 **Beauty of Oxford Hybrids.** A beautiful giant flower of exquisite color which shades from clear Rose Pink to Rose Red the brightest Rose Verbena ever produced from seed. Single florets measure over an inch across and its foliage is a dark cress green. **Pkt. 25c.**

MAMMOTH FLOWERING

This strain is of compact growth with immense trusses.

- | | |
|---|-----------------------------|
| 1180 Rose-Pink. | 1183 Flame Pink. |
| 1181 Deep Violet. | 1184 White. |
| 1182 Geranium Red. | 1185 Blue-White Eye. |
| 1188 Vivid Scarlet (<i>Lucifer</i> .) | |

Pkts. 10c each.

Collection: 1 Pkt. each above 7 colors for 50c.

- 1186 **Holco Giants.** Mixed. All colors including the dazzling Lucifer. **Pkt. 10c, $\frac{1}{4}$ oz. 50c.**
 1190 **Lemon Verbena.** (*Citriodora*.) The old favorite lemon-scented foliage plant. **Pkt. 10c.**

Venidium (A. Culture 2)

- 1197 **Fastuosum.** (2 to 3 feet.) A magnificent flower from South Africa. The foliage is silky grayish green from which it sends out numerous rich orange daisy-like flowers marked with a dark brown zone at the base of the petals, they average 4 to 5 inches across and make a striking display. **Pkt. 25c.**

Vinca (*Periwinkle*) (A. Culture 17)

Ornamental free blooming plants with dark glossy foliage and rose and white flowers.

- 1195 **Mixed Colors.** **Pkt. 5c, $\frac{1}{8}$ oz. 15c.**
 1198 **Rose.** **Pkt. 5c, $\frac{1}{8}$ oz. 20c.**



Verbena Mammoth Flowering.



Double California Giant Zinnia.

Viola-Tufted Pansy (See Pansy)**Wallflower (*Cheiranthus*) (Half Hardy Biennial, Culture 10)**

1210 **Double Early Wonder.** Mixed. (18 inches.) Come into bloom within 5 months from sowing; the colors are rich tones of yellow, red and brown. In the cold states they should be wintered over in cold-frames. Sweet scented and make fine house plants if lifted and potted. **Pkt. 10c.**

Siberian Wallflower (See *Cheiranthus*)**Zinnia (A. Culture 31)**

A very much improved old-fashioned flower with a wonderful range of color. Easy to grow and if given a sunny location, well fertilized soil and freely watered the flowers will be more completely double and colors intensified. If plants show mildew dust with powdered sulphur.

Dahlia Flowered (Giant Double)

Plants are strong and robust 2 to 3 feet high, bearing many long stems of fully double high flowers which resemble a decorative Dahlia. Their easy culture and long blooming season make them especially desirable for the garden and cutting. Florists have found them profitable for forcing.

- 1255 **Canary Bird.** Canary yellow.
- 1256 **Crimson Monarch.** Crimson scarlet.
- 1257 **Exquisite.** Rich rose-pink.
- 1258 **Oriole.** Orange and gold.
- 1259 **Polar Bear.** Large, pure white.
- 1260 **Old Rose.** Beautiful shades of old rose.
- 1261 **Dream.** Deep lavender.
- 1262 **Golden State.** Orange Yellow.
- 1248 **Mixed.** A mixture of all shades.

Each pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Collection: One pkt. each of above 8 colors 60c.

DOUBLE CALIFORNIA GIANTS

The blooms are of immense size, when well grown averaging three and one-half to four and one-half inches in diameter and often three to four inches in depth. Height, 3 feet.

- 1124 **Yellow Pkt.** 10c. 1227 **Flesh Pink** 10c.
- 1225 **Scarlet Pkt.** 10c. 1228 **Violet Pkt.** 10c.
- 1126 **White Pkt.** 10c. 1229 **Crimson Pkt.** 10c.
- 1230 **Giant Mixed, Pkt.** 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

Collection: One pkt. each above 6 colors, 40c.

DWARF GIANT DOUBLE

The best for bedding. Very fine range of colors.

- 1233 **Finest Mixed.** Pkt. 10c, $\frac{1}{4}$ oz. 25c.
- 1231 **Curled and Crested, Mixed,** $\frac{1}{4}$ oz. 35c.
- 1235 **Black Knight.** Very deep Maroon. **Pkt. 10c.**
- 1250 **Giant Picotee.** Beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped, resembling Picotee Carnations. **Pkt. 10c, $\frac{1}{4}$ oz. 50c.**

Lilliput Improved (Double Pompon)

No type of the ever popular Zinnia has come into favor so rapidly as this. The plants form handsome little bushes 15 inches high, covered with small button-like fully double flowers; bloom all summer. Colors: White, Flesh, Rose, Salmon, Crimson, Yellow, Purple.

Separate colors, Pkts. 5c each, $\frac{1}{4}$ oz. 35c.

Collection: 1 Pkt. each of 7 colors for 25c.

- 1051 **Mixed.** All colors. **Pkt. 5c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.**

MEXICAN ZINNIA

- 1252 **Haagaena.** Double miniature Zinnias of bright golden yellow which cover the plant all summer. This little gem deserves to be better known. **Pkt. 10c.**



Giant Double Dahlia Flowered Zinnia.

Gladiolus

The Gladiolus become more popular each year and justly so, because it is easy to grow and may be used to advantage in so many ways. As cut flowers they are ideal. Grow more of them. A succession of bloom may be had from July to October by making plantings from April to June 10 days apart. Plant six inches deep, 6 to 8 inches apart, stake when necessary.

The list below has been carefully selected, choosing the best in each color. It comprises a well balanced range of shades. **Prices any variety listed 5 cts. ea., 50 cts. doz., and \$3.50 per 100. Postpaid, 1/2 doz. at doz. rate. 50 at 100 rate.**

RED SHADES

CRIMSON GLOW—Deep Scarlet, lighter in throat. Carmine blotches on lower petals, fine for cut flowers.

JOE COLEMAN—Rich red. Large vigorous grower. One of the finest for cut flowers.

PINK SHADES

EVELYN KIRTLAND—Beautiful shade of geranium pink, darker at edges and shading to shell pink at center. Tall spike.

LE MARECHAL FOCH—Rose pink, exceptionally large flowers, one of the best in its class.

MRS. FRANK PENDLETON—Large pink flowers with red blotch on lower petals. Very popular florists variety.

MRS. DR. NORTON—LaFrance pink shading to very pale pink at throat. Lower petals have deep cream bases with carmine pencilings.

WM. H. PHIPPS. La France Pink overlaid with Rose Salmon lightly speckled Ruby throat markings.

MRS. LEON DOUGLAS. Salmon Rose Pink with Flame and Scarlet splashings. Mammoth flowers on giant stalks.

WM. BADGER. Beautiful shade of soft pink with yellow throat.

WHITE SHADES

ALBANIA—Pure glistening white, wide open flower over four inches in diameter. Petals broad with well rounded tips and finely ruffled edges.

PURPLE, LAVENDER AND MAUVE SHADES

HERADA—Mauve shading to pink in throat. Very large flowers borne on tall straight spikes. Effective cut flower.

BARON J. HULOT—Rich dark purple, very fine.

CAPTAIN BOYNTON. Light Lavender with deeper Lavender blotch in throat. One of the nicest of this shade.

YELLOW SHADES

SCHWABEN—Sulphur yellow with small red blotch. Considered one of the best and finest of the yellows.

NIAGARA—Beautiful rich cream with delicate markings of brilliant carmine-red.

LETHERMAN'S EXTRA FINE MIXTURE. A well balanced assortment of colors and types including many new varieties. All well developed bulbs that will make a brilliant display. **50 cts. doz., \$3.50 per 100, Postpaid.**

HOLCO RAINBOW MIXTURE—Lower in price than our Extra Fine. Very desirable for massing, all good blooming size bulbs. **35 cts. doz., \$2.50 per 100, Postpaid.**

Large Flowering Cannas

THE PRESIDENT. (5 ft.) The best green-leaved, red flowered Canna grown. The flowers are immense, round, firm—often 7 inches across—of extra good quality, and flower in the greatest profusion. The color is unfading, pure, glowing scarlet. **15 cts. each, 12 for \$1.50.**

KING HUMBERT. (4 ft.) The best bronze-leaved variety. Very distinct, heart-shaped leaves shaded with purple madderbrown. Immense orchid flowered trusses of velvety orange-scarlet, flecked with carmine; rose tinted margin and base. **10 cts. each, 12 for \$1.00.**

MRS. PIERRE S. DU PONT. (4 ft.) Most gorgeous of Cannas. A vivid watermelon pink, individual flowers of immense size in massive trusses. **30 cts. each, \$3.00 doz.**

HUNGARIA. (3½ ft.) Plant is dwarf and of compact growth; rich peach blossom pink. It is a free, early and continuous bloomer. Foliage green and very massive. **15 cts. each, 12 for \$1.50, 100 for \$12.50.**

RICHARD WALLACE. (4 ft.) The finest pure yellow. Unfading and very attractive. Free bloomer throughout the season. **20 cts. each, 12 for \$2.00.**

YELLOW KING HUMBERT. (4 ft.) The same hardy growth as King Humbert. Foliage a very dark green, with flowers 5 to 7 inches across, deep yellow heavily spotted with bright red. **10 cts. each, 12 for \$1.00.**

EUREKA. (4 ft.) The best white variety. Free bloomer; green foliage. Plants of vigorous growth, and hardy. **10 cts. each, 12 for \$1.00.**

MIXED CANNAS. All colors, but not separate. **8 cts. each, 12 for 75 cts., 100 for \$6.00.**

If Canna Roots are desired by Parcel Post, please add **5 cts. per root, 25 cts. per doz., and 75 cts. per 100** for postage charges.

CALADIUM ESCULENTUM (*Elephant's Ear*)

One of the most effective plants in cultivation for beds, borders, or for planting out upon the lawn. They make an excellent edging for fall-growing plants. Do not plant outdoors until after May 1st, but to get them in early growth they may be started indoors.

	Each By Mail	Doz. By Mail
Mammoth Bulbs...	\$0.25	\$0.35
Large Bulbs.....	.15	.25
First Size Bulbs....	.10	.15

CINNAMON VINE

Perfectly hardy, thrives everywhere in sun or shade, and once planted will grow a lifetime and be a constant delight. They will grow 30 feet in a single season. Roots will keep perfectly. Plant any time from earliest spring up to July 15th. **10 cts. each, 3 for 25 cts., 12 for \$1.00, 25 for \$1.85, postpaid.**

MADEIRA VINE (*Climbing Mignonette*)

A beautiful vine, covering a large space in a short time. Heart-shaped light green leaves and clusters of pure white fragrant flowers. **10 cts. each, 3 for 25 cts., 12 for \$1.00, 25 for \$1.75.**

DOUBLE PEARL TUBEROSES

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. Plant as soon as the ground becomes warm. Strong flowering bulbs. First size **8 cts. each, 4 for 25 cts., 12 for 65 cts., 25 for \$1.00, postpaid.**

VIGORO

Complete plant food

NEW LOW PRICES

100 lb. bag.....	\$4.00
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25 lb. bag.....	1.50
10 lb. carton.....	.85
5 lb. carton.....	.50
12 oz. carton.....	.10



A complete scientifically prepared plant food, produces thick velvety lawns, richly colored flowers, delicious vegetables and healthy full foliaged trees.

SULPHATE OF ALUMINUM. To supply acidity to the soil for Rhododendrons, Azaleas and Laurels. **Lb. 15 cts., 5 lbs. 60 cts., 10 lbs. \$1.00, 25 lbs. \$2.00, 100 lbs. \$6.50.**

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NITRATE OF SODA. Endorsed by Experiment Stations and agricultural authorities. **Lb. 15 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$3.75.** Write for ton prices.

MURIATE OF POTASH. Apply 100 to 150 lbs. to the acre usually with other fertilizers. Excellent for Potatoes, Corn, Grain, etc. **Lb. 15 cts., 5 lbs. 40 cts., 10 lb. 60 cts., 25 lb. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00.**

SUPER PHOSPHATE. 20-24%. Apply 100 lbs. to the acre. **5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.00, 50 lbs. \$1.50 Bag 125 lbs. \$2.50.** Write for ton prices.

LIME (HYDRATED). Used to correct soil acidity. Apply at the rate of 100 lbs. to 500 square feet or one ton to the acre. **50 lb. bag 60 cts.** Write for ton prices.

Bone Meal (fine ground). Made from pure animal bone, a safe fertilizer for lawns, flowers, and shrubs. 10 lbs. to 100 sq. feet. 800 to 1000 lbs. to the acre. **3 lbs. 25 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.00.** Write for ton prices.

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All prices on this page F. O. B. CANTON, except where otherwise noted.

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A great soil improver; adds humus, lightens clay and binds sandy soils. Has no equal as a mulch for the rose bed or flower garden. Used in potting soil for propagating benches, for covering greenhouse benches in place of sand or ashes.

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are useful for other home
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etc.

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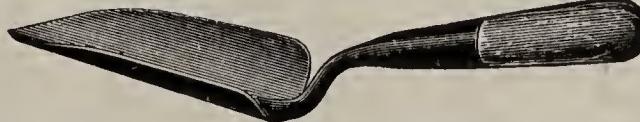
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The best grade on the market. **1/4 lb. 15 cts., 1/2 lb. 25 cts., 1 lb. 45 cts., postage 8 cts. per lb.**

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INDEX

VEGETABLES AND FARM SEEDS

	Page
Alfalfa.....	36
Alsike.....	36
Asparagus.....	1
Asparagus Roots.	1
Barley.....	36
Beans, Bush.....	2, 3
Beans, Bush Lima	5
Beans, Pole.....	4
Beans, Pole Lima.	5
Beets, Table.....	6
Beets, Sugar.....	7
Broccoli.....	7
Broom Corn.....	36
Brussels Sprouts..	7
Buckwheat.....	36
Cabbage.....	8, 9
Cane Seed.....	36
Cantaloupe.....	20
Carrots.....	10
Cauliflower.....	10
Celeriac.....	11
Celery.....	11
Chinese Cabbage.	9
Citron Melon.....	21
Clovers.....	36
Corn, Field.....	35
Corn, Silo.....	35
Corn, Pop.....	13
Corn, Sweet..12, 13	
Cress.....	13
Cucumbers...14, 15	
Dandelion.....	15
Dill.....	15
Egg Plant.....	16
Endive.....	16
Ensilage Corn.....	35
Field Peas.....	36
Flax.....	36
Grasses.....	36
Ground Cherry...33	
Gumbo (See Okra).....	23
Herbs.....	17
Horse Radish Sets	17
Kale.....	16
Kohl Rabi.....	17
Lawn Grass Inside Front Cover	
Leek.....	17
Lettuce.....	18, 19
Mangel-Wurzel... 7	
Melons, Musk ..20	
Melons, Water...21	
Millet.....	36
Mustard.....	21
Oats.....	36
Okra.....	23
Onion Seed...22-23	
Onion Sets.....	23
Oyster Plant....29	
Parsley.....	23
Parsnip.....	23
Peas, Field.....	36
Peas, Sugar.....	25
Peas, Table...24-25	
Pepper.....	26
Potatoes.....	34
Pumpkins.....	27
Radish.....	28
Rape Dwf. Essex.36	
Rhubarb.....	29
Ruta Baga.....	33
Rye.....	36

FLOWER SEEDS

Those marked (*)	
are Perennials	
Abronia.....	38
*Aconitum.....	38
*Achillea.....	38
Acroclinium.....	38
*Aethionema.....	38
African Daisy.40-48	
Ageratum.....	39
Agrostemma.....	39
*Allegheny Holly-hock.....	50
*Allwoodii Pinks.	47
*Alyssum.....	39
Amaranthus.....	39
*Anchusa.....	39
*Anemone.....	39
*Anthericum.....	39
*Anthimis.....	39
Antirrhinum.....	39
*Aquilegia.....	40
*Arabis.....	40
*Arctotis.....	40
*Arenaria.....	40
*Armeria.....	40
*Artemesia.....	40
*Asperula.....	40
Asters.....	41-42
*Aubretia.....	40
*Avens.....	49
*Baby's Breath..	49
*Baptisia.....	43
Bachelor's Button	45
Balloon Vine.....	43
Balsam.....	43
*Beard Tongue..	54
Begonia.....	43
Bell Flower.....	56
*Bellis.....	43
Black Eyed Susan	60
*Blanket Flower..	49
*Blue Bells of	
Scotland.....	44
*Blue Bonnet....	58
Blue Lace Flower	48
*Blue Sage.....	58
Brachycome.....	43
Browallia.....	43
Cacalia.....	43
Calendula.....	43
California Poppy	48
Calliopsis.....	44
*Callirhoe.....	44
*Campanula.....	44
Canary Bird Vine	44
*Candytuft.....	44
*Canterbury Bells	44
Cardinal Climber	44
Carnation.....	44

First Pound or Fraction

7c	
7c	
8c	
8c	
9c	
10c	
12c	
13c	

Each additional Pound or Fraction

1c	
1c	
2c	
4c	
6c	
8c	
10c	
12c	

Second additional Pound or Fraction

1c	
1c	
2c	
4c	
6c	
8c	
10c	
12c	

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1c	
1c	
2c	
4c	
6c	
8c	
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Page

*Penstemon.....	54
Periwinkle.....	60
*Persian Candytuft	38
Petunia.....	55
*Phlox.....	55
*Physalis.....	56
*Physostegia.....	56
Pin Cushion Flower.....	58
*Pinks.....	47
*Platycodon.....	56
Poppy.....	56
Portulaca.....	56
Pot Marigold.....	43
Primula.....	46-57
Primrose.....	57
*Pyrethrum.....	57
*Red Hot Poker..60	
Ricinus.....	57
*Rock Cress.....	40
*Rock Soapwort..58	
*Rudbeckia.....	57
Salpiglossis.....	57
Salvia.....	58
Sanvitalia.....	58
*Saponaria.....	58
Satin Flower.....	49
*Saxafraga.....	58
*Scabiosa.....	58
Scarlet Sage.....	58
*Sea Lavender.....	58
*Sea Pink.....	50
*Shasta Daisy.....	47
*Siberian Wall-flower.....	45
*Silene.....	58
Snapdragon.....	39
*Sneeze Wort.....	50
*Snow in Summer.45	
Snow on the Mountain.....	48
Spider Plant.....	46
St. Peters Penny.52	
*Statice.....	58
Stocks.....	58
*Stokesia.....	58
Straw Flower....50	
Summer Cypress.51	
Sunflower.....	58
Swan River Daisy43	
*Sweet Alyssum...39	
Sweet Peas.....	59
Sweet Sultans....45	
*Sweet Rocket....50	
Sweet William....60	
Sweet Wivelsfield.47	
Tassel Flower....43	
Thimble Flower..49	
Thrift.....	40
Thunbergia.....	60
*Torch Lily.....	60
*Transvaal Daisy.49	
*Tritoma.....	60
Trollius.....	60
*Tufted Pansies..54	
*Tunica.....	60
Venidium.....	60
Verbena.....	60
Vinca.....	60
*Viola.....	54
*Wallflower....45-61	
White Moon-flower.....	53
*Windflower....39	
*Woodruff.....	40
Woolflower.....	45
*Yarrow.....	38
Zinnia.....	61

BULBS AND ROOTS.....	62</td
----------------------	--------

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Effective against all chewing and sucking insects. **Oz. 35 cts., 1/4 pt. \$1.00, 1/2 pt. \$1.75, pt. \$3.25.**

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